## **WEST Search History**

Hide Items Restore Clear Cancel

DATE: Tuesday, March 09, 2004

Hide?	Set Name	Query	Hit Count
	DB=PGP	B,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YE	S; OP=ADJ
	L13	L12 AND nestin	57
	L12	L10 AND GFAP	77
	L11	L10 AN GFAP	0
	L10	L8 OR L9	157
	L9	astrocyte progenitor cells	30
	L8	(glial progenitor cells )	137
	L7	L6 AND neural tissue	93
	L6	L4 AND L5	217
	L5	nestin	1633
	L4	(GFAP OR glial-fibrillary-acidic-protein)	1132
	L3	L2 AND nestin	143
	L2	L1 AND GFAP	340
	L1	(435/325,366,368,378.CCLS.)	15448

END OF SEARCH HISTORY

h

ch

h g

e e







Nucleotide Protein Structure OMIM PMC Journals Entres PubMed Genome Book Search PubMed for Iglial progenitor cells AND GFAP AND nestin Go Clear Limits Preview/Index Clipboard Details History About Entrez Show: 500 ★ Display Summary Send to Text Items 1-104 of 104 One page. **Text Version** 1: Mignone JL, Kukekov V, Chiang AS, Steindler D, Enikolopov G. Related Articles, Links Entrez PubMed Neural stem and progenitor cells in nestin-GFP transgenic mice. Overview J Comp Neurol. 2004 Feb 9;469(3):311-24. Help | FAQ PMID: 14730584 [PubMed - in process] Tutorial New/Noteworthy 2: Zhang H, Wang JZ, Sun HY, Zhang JN, Yang SY. Related Articles, Links E-Utilities The effects of GM1 and bFGF synergistically inducing adult rat bone **PubMed Services** marrow stromal cells to form neural progenitor cells and their Journals Database differentiation. MeSH Database Single Citation Matcher Chin J Traumatol. 2004 Feb;7(1):3-6. Batch Citation Matcher PMID: 14728810 [PubMed - in process] Clinical Queries LinkOut 3. Calza I., Fernandez M., Giuliani A., Pirondi S., D'Intino G., Related Articles, Links Cubby Manservigi M, De Sordi N, Giardino L. Stem cells and nervous tissue repair: from in vitro to in vivo. ⊫ Related Resources Prog Brain Res. 2004;146:75-91. Order Documents PMID: 14699957 [PubMed - indexed for MEDLINE] **NLM Gateway** TOXNET 4: Scemes E, Duval N, Meda P. Related Articles, Links Consumer Health Clinical Alerts Reduced expression of P2Y1 receptors in connexin43-null mice alters ClinicalTrials.gov calcium signaling and migration of neural progenitor cells. PubMed Central J Neurosci. 2003 Dec 10;23(36):11444-52. Erratum in: J Neurosci. 2004 Jan 7;24(1):302. PMID: 14673009 [PubMed - indexed for MEDLINE] Privacy Policy 5: Schwartz PH, Bryant PJ, Fuja TJ, Su H, O'Dowd DK, Klassen H. Related Articles, Links Isolation and characterization of neural progenitor cells from post-mortem human cortex. J Neurosci Res. 2003 Dec 15;74(6):838-51. PMID: 14648588 [PubMed - indexed for MEDLINE] 6: Enzmann V, Howard RM, Yamauchi Y, Whittemore SR, Kaplan HJ. Related Articles, Links Enhanced induction of RPE lineage markers in pluripotent neural stem cells engrafted into the adult rat subretinal space. Invest Ophthalmol Vis Sci. 2003 Dec;44(12):5417-22. PMID: 14638746 [PubMed - indexed for MEDLINE] 7: Yang P, Hernandez MR. Related Articles, Links Purification of astrocytes from adult human optic nerve heads by immunopanning. Brain Res Brain Res Protoc. 2003 Oct; 12(2):67-76. PMID: 14613807 [PubMed - indexed for MEDLINE] 8: Ratajczak MZ, Kucia M, Reca R, Majka M, Janowska-Wieczorek A. Related Articles, Links Ratajczak J. Stem cell plasticity revisited: CXCR4-positive cells expressing mRNA for early muscle, liver and neural cells 'hide out' in the bone marrow.

Leukemia. 2004 Jan; 18(1):29-40.

fcg

e ch

b e

e

PMID: 14586476 [PubMed - indexed for MEDLINE] 9: Fukuda S, Kato F, Tozuka Y, Yamaguchi M, Miyamoto Y, Related Articles, Links Hisatsune T. Two distinct subpopulations of nestin-positive cells in adult mouse dentate gyrus. J Neurosci. 2003 Oct 15;23(28):9357-66. Erratum in: J Neurosci. 2004 Jan 7;24(1):24. PMID: 14561863 [PubMed - indexed for MEDLINE] Related Articles, Links 10: Kang SK, Jun ES, Bae YC, Jung JS. Interactions between human adipose stromal cells and mouse neural stem cells in vitro. Brain Res Dev Brain Res. 2003 Oct 10;145(1):141-9. PMID: 14519500 [PubMed - indexed for MEDLINE] 11: Shu T, Puche AC, Richards LJ. Related Articles, Links Development of midline glial populations at the corticoseptal boundary. J Neurobiol. 2003 Oct;57(1):81-94. PMID: 12973830 [PubMed - indexed for MEDLINE] 12: Mayer E.J. Hughes EH, Carter DA, Dick AD. Related Articles, Links Nestin positive cells in adult human retina and in epiretinal membranes. Br J Ophthalmol. 2003 Sep;87(9):1154-8. PMID: 12928287 [PubMed - indexed for MEDLINE] 13: Bai Y, Lin C, Hu Q, Li X, Lu A, Wang S, Li L, Shen L. Related Articles, Links The induction of neuronal differentiation in the glial fibrillary acid protein positive human neural progenitor cell line] Beijing Da Xue Xue Bao. 2003 Jun 18;35(3):266-70. Chinese. PMID: 12914242 [PubMed - indexed for MEDLINE] 14: Bennett MR, Rizvi TA, Karyala S, McKinnon RD, Ratner N. Related Articles, Links Aberrant growth and differentiation of oligodendrocyte progenitors in Ш neurofibromatosis type 1 mutants. J Neurosci. 2003 Aug 6;23(18):7207-17. PMID: 12904481 [PubMed - indexed for MEDLINE] 15: Garbuzova-Davis S, Willing AE, Zigova T, Saporta S, Justen EB, Related Articles, Links Lane JC, Hudson JE, Chen N, Davis CD, Sanberg PR. Intravenous administration of human umbilical cord blood cells in a mouse model of amyotrophic lateral sclerosis: distribution, migration, and differentiation. J Hematother Stem Cell Res. 2003 Jun;12(3):255-70. PMID: 12857367 [PubMed - indexed for MEDLINE] 16: Filippov V, Kronenberg G, Pivneva T, Reuter K, Steiner B, Wang Related Articles, Links LP, Yamaguchi M, Kettenmann H, Kempermann G. Subpopulation of nestin-expressing progenitor cells in the adult murine hippocampus shows electrophysiological and morphological characteristics of astrocytes. Mol Cell Neurosci. 2003 Jul;23(3):373-82. PMID: 12837622 [PubMed - indexed for MEDLINE] 17: Tonchev AB, Yamashima T, Zhao L, Okano HJ, Okano H. Related Articles, Links Proliferation of neural and neuronal progenitors after global brain ischemia in young adult macaque monkeys. Mol Cell Neurosci. 2003 Jun;23(2):292-301. PMID: 12812760 [PubMed - indexed for MEDLINE]

h cb hg e e e fcg e ch b e

h g

cb

h

□ 18:	Hotta Y, Honda T, Naito M, Kuwano R.	Related Articles, Links
	Developmental distribution of coxsackie virus and adenote localized in the nervous system.  Brain Res Dev Brain Res. 2003 Jun 12;143(1):1-13.  PMID: 12763576 [PubMed - indexed for MEDLINE]	ovirus receptor
□ 19:	Murakami T, Fujimoto Y, Yasunaga Y, Ishida O, Tanaka N, Ikuta Y, Ochi M.	Related Articles, Links
	Transplanted neuronal progenitor cells in a peripheral neurone nerve repair. Brain Res. 2003 Jun 6;974(1-2):17-24. PMID: 12742620 [PubMed - indexed for MEDLINE]	rve gap promote
□ 20:	Ono K, Yoshihara K, Suzuki H, Tanaka KF, Takii T, Onozaki K, Sawada M	Related Articles, Links
	Preservation of hematopoietic properties in transplanted in the brain.  J Neurosci Res. 2003 May 15;72(4):503-7.  PMID: 12704811 [PubMed - indexed for MEDLINE]	bone marrow cells
□ 21:	Tonchev AB, Yamashima T, Zhao L, Okano H.	Related Articles, Links
	Differential proliferative response in the postischemic hitemporal cortex, and olfactory bulb of young adult maca Glia. 2003 May;42(3):209-24. PMID: 12673828 [PubMed - indexed for MEDLINE]	
□ 22:	Hao HN, Zhao J, Thomas RL, Parker GC, Lyman WD.	Related Articles, Links
	Fetal human hematopoietic stem cells can differentiate s neural stem cells and then astrocytes in vitro.  J Hematother Stem Cell Res. 2003 Feb;12(1):23-32.  PMID: 12662433 [PubMed - indexed for MEDLINE]	equentially into
□ 23:	Shibuya S, Miyamoto O, Itano T, Mori S, Norimatsu H.	Related Articles, Links
	Temporal progressive antigen expression in radial glia a spinal cord injury in adult rats. Glia. 2003 Apr 15;42(2):172-83. PMID: 12655601 [PubMed - indexed for MEDLINE]	fter contusive
□ 24	Liour SS, Yu RK.	Related Articles, Links
	Differentiation of radial glia-like cells from embryonic s Glia. 2003 Apr 15;42(2):109-17. PMID: 12655595 [PubMed - indexed for MEDLINE]	tem cells.
<b>25</b> :	Jori FP, Galderisi U, Piegari E, Cipollaro M, Cascino A, Peluso G, Cotrufo R, Giordano A, Melone MA.	Related Articles, Links
	EGF-responsive rat neural stem cells: molecular follow-astrocyte differentiation in vitro. J Cell Physiol. 2003 May;195(2):220-33. PMID: 12652649 [PubMed - indexed for MEDLINE]	up of neuron and
<b>[</b> 26	Lou S, Gu P, Chen F, He C, Wang M, Lu C.	Related Articles, Links
	The effect of bone marrow stromal cells on neuronal diff mesencephalic neural stem cells in Sprague-Dawley rats Brain Res. 2003 Apr 4;968(1):114-21. PMID: 12644269 [PubMed - indexed for MEDLINE]	
<b>27</b>	Melanson-Drapeau L. Beyko S, Dave S, Hebb AL, Franks DJ, Sellitto C, Paul DL, Bennett SA.	Related Articles, Links

e ch

e fcg

ch.

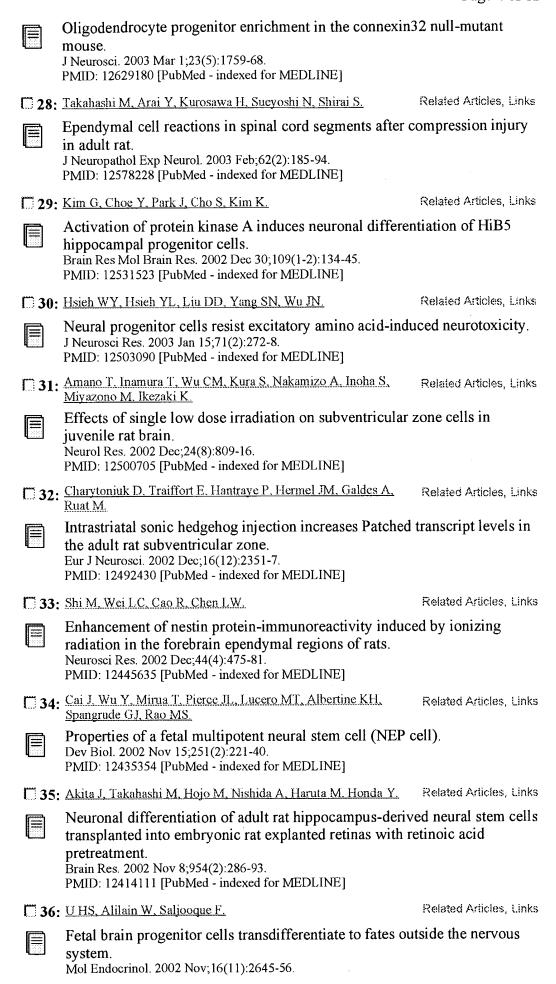
h

h g

e e

fcg

e ch



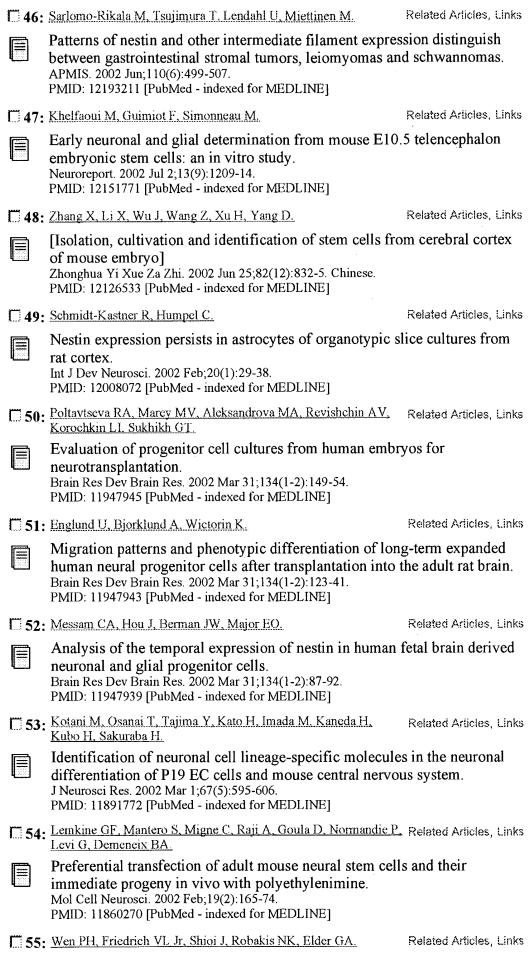
PMID: 12403852 [PubMed - indexed for MEDLINE] Related Articles, Links 37: Kawasaki H, Kosugi I, Arai Y, Tsutsui Y. The amount of immature glial cells in organotypic brain slices determines the susceptibility to murine cytomegalovirus infection. Lab Invest. 2002 Oct;82(10):1347-58. PMID: 12379769 [PubMed - indexed for MEDLINE] 38: Shibuya S, Miyamoto O, Auer RN, Itano T, Mori S, Norimatsu H. Related Articles, Links Embryonic intermediate filament, nestin, expression following traumatic spinal cord injury in adult rats. Neuroscience. 2002;114(4):905-16. PMID: 12379246 [PubMed - indexed for MEDLINE] 139: Milosevic A, Goldman JE. Related Articles, Links Progenitors in the postnatal cerebellar white matter are antigenically heterogeneous. J Comp Neurol. 2002 Oct 14;452(2):192-203. PMID: 12271492 [PubMed - indexed for MEDLINE] Related Articles, Links 40: Kamitori K, Machide M, Tomita K, Nakafuku M, Kohsaka S. Cell-type-specific expression of protein tyrosine kinase-related receptor RYK in the central nervous system of the rat. Brain Res Mol Brain Res. 2002 Aug 15;104(2):255-66. PMID: 12225882 [PubMed - indexed for MEDLINE] 41: Schumm MA, Castellanos DA, Frydel BR, Sagen J. Related Articles, Links Enhanced viability and neuronal differentiation of neural progenitors by chromaffin cell co-culture. Brain Res Dev Brain Res. 2002 Aug 30;137(2):115-25. PMID: 12220703 [PubMed - indexed for MEDLINE] 42: Alves JA, Barone P, Engelender S, Froes MM, Menezes JR. Related Articles, Links Initial stages of radial glia astrocytic transformation in the early postnatal anterior subventricular zone. J Neurobiol. 2002 Sep 5;52(3):251-65. PMID: 12210108 [PubMed - indexed for MEDLINE] 13: Romero-Ramos M, Vourc'h P, Young HE, Lucas PA, Wu Y. Related Articles, Links Chivatakarn O, Zaman R, Dunkelman N, el-Kalay MA, Chesselet Neuronal differentiation of stem cells isolated from adult muscle. J Neurosci Res. 2002 Sep 15;69(6):894-907. PMID: 12205682 [PubMed - indexed for MEDLINE] 44: Yagita Y, Kitagawa K, Sasaki T, Miyata T, Okano H, Hori M, Related Articles, Links Matsumoto M. Differential expression of Musashi1 and nestin in the adult rat hippocampus after ischemia. J Neurosci Res. 2002 Sep 15;69(6):750-6. PMID: 12205668 [PubMed - indexed for MEDLINE] 1 45: Ignatova TN, Kukekov VG, Laywell ED, Suslov ON, Vrionis FD, Related Articles, Links Steindler DA Human cortical glial tumors contain neural stem-like cells expressing

h e fcg e ch b e cb h g e е

Glia. 2002 Sep;39(3):193-206.

astroglial and neuronal markers in vitro.

PMID: 12203386 [PubMed - indexed for MEDLINE]



h cb hgeeefcg

e ch

	Presenilin-1 is expressed in neural progenitor cells in the adult mice. Neurosci Lett. 2002 Jan 25;318(2):53-6. PMID: 11796184 [PubMed - indexed for MEDLINE]	hippocampus of
□ 5	6: Hughes SM, Moussavi-Harami F, Sauter SL, Davidson BL.	Related Articles, Links
	Viral-mediated gene transfer to mouse primary neural pr Mol Ther. 2002 Jan;5(1):16-24. PMID: 11786041 [PubMed - indexed for MEDLINE]	ogenitor cells.
□ 5	7: Tzeng SF, Bresnahan JC, Beattie MS, de Vellis J.	Related Articles, Links
	Upregulation of the HLH Id gene family in neural proge cells of the rat spinal cord following contusion injury.  J Neurosci Res. 2001 Dec 15;66(6):1161-72.  PMID: 11746449 [PubMed - indexed for MEDLINE]	nitors and glial
□ 5	8: Piper DR, Mujtaba T, Keyoung H, Roy NS, Goldman SA, Rao MS, Lucero MT.	Related Articles, Links
	Identification and characterization of neuronal precursor from human fetal tissue.  J Neurosci Res. 2001 Nov 1;66(3):356-68.  PMID: 11746353 [PubMed - indexed for MEDLINE]	s and their progeny
□ 5	9: Kernie SG, Erwin TM, Parada LF.	Related Articles, Links
	Brain remodeling due to neuronal and astrocytic prolifer controlled cortical injury in mice.  J Neurosci Res. 2001 Nov 1;66(3):317-26.  PMID: 11746349 [PubMed - indexed for MEDLINE]	ration after
□ 6	0: Darenfed H, Ma X, Davis L, Juge N, Savard PE, Cole GJ, Vincent M.	Related Articles, Links
	Molecular polymorphism of the intermediate filament pr Histochem Cell Biol. 2001 Nov;116(5):397-409. Epub 2001 Oct 09 PMID: 11735004 [PubMed - indexed for MEDLINE]	
□ 6	1: Hugnot JP, Mellodew K, Pilcher H, Uwanogho D, Price J, Sinden JD	Related Articles, Links
	Direct cell-cell interactions control apoptosis and oligod expression of neuroepithelial cells.  J Neurosci Res. 2001 Aug 1;65(3):195-207.  PMID: 11494354 [PubMed - indexed for MEDLINE]	endrocyte marker
I 6	2: Dai C. Celestino JC, Okada Y, Louis DN, Fuller GN, Holland EC.	Related Articles, Links
	PDGF autocrine stimulation dedifferentiates cultured as induces oligodendrogliomas and oligoastrocytomas from progenitors and astrocytes in vivo.  Genes Dev. 2001 Aug 1;15(15):1913-25. PMID: 11485986 [PubMed - indexed for MEDLINE]	•
F 6	3: Li RY, Baba S, Kosugi I, Arai Y, Kawasaki H, Shinmura Y, Sakakibara SI, Okano H, Tsutsui Y	Related Articles, Links
	Activation of murine cytomegalovirus immediate-early cerebral ventricular zone and glial progenitor cells in tra Glia. 2001 Jul;35(1):41-52. PMID: 11424191 [PubMed - indexed for MEDLINE]	
F. 6	4: Andrae J, Hansson I, Afink GB, Nister M.	Related Articles, Links
	Platelet-derived growth factor receptor-alpha in ventricuin developing neurons.	ular zone cells and

 $h \hspace{1cm} cb \hspace{1cm} h \hspace{1cm} g \hspace{1cm} e \hspace{1cm} e \hspace{1cm} fcg$ 

e ch

h g

e

fcg

cb

h

Mol Cell Neurosci. 2001 Jun; 17(6): 1001-13. PMID: 11414789 [PubMed - indexed for MEDLINE] 65: Vitry S, Avellana-Adalid V, Lachapelle F, Evercooren AB. Related Articles, Links Migration and multipotentiality of PSA-NCAM+ neural precursors transplanted in the developing brain. Mol Cell Neurosci. 2001 Jun; 17(6): 983-1000. PMID: 11414788 [PubMed - indexed for MEDLINE] Related Articles, Links 66: Duittoz AH, Hevor T. Primary culture of neural precursors from the ovine central nervous system J Neurosci Methods. 2001 May 30;107(1-2):131-40. PMID: 11389950 [PubMed - indexed for MEDLINE] 67: Low HP, Savarese TM, Schwartz WJ. Related Articles, Links Neural precursor cells form rudimentary tissue-like structures in a rotatingwall vessel bioreactor. In Vitro Cell Dev Biol Anim. 2001 Mar;37(3):141-7. PMID: 11370804 [PubMed - indexed for MEDLINE] 68: Skogh C. Eriksson C. Kokaia M, Meijer XC, Wahlberg LU, Related Articles, Links Wictorin K, Campbell K. Generation of regionally specified neurons in expanded glial cultures derived from the mouse and human lateral ganglionic eminence. Mol Cell Neurosci. 2001 May;17(5):811-20. PMID: 11358480 [PubMed - indexed for MEDLINE] 69: Kokkinakis DM, Watson ML, Honig LS, Rushing EJ, Mickey BE, Related Articles, Links Schold SC Jr. Characterization of initiated cells in N-methylnitrosourea-induced carcinogenesis of the CNS in the adult rat. Neuro-oncol. 2001 Apr;3(2):99-112. PMID: 11296486 [PubMed - indexed for MEDLINE] 70: Kalman M. Ajtai BM. Related Articles, Links A comparison of intermediate filament markers for presumptive astroglia in the developing rat neocortex: immunostaining against nestin reveals more detail, than GFAP or vimentin. Int J Dev Neurosci. 2001 Feb;19(1):101-8. PMID: 11226759 [PubMed - indexed for MEDLINE] 71: Cao QL, Zhang YP, Howard RM, Walters WM, Tsoulfas P, Related Articles, Links Whittemore SR. Pluripotent stem cells engrafted into the normal or lesioned adult rat spinal cord are restricted to a glial lineage. Exp Neurol. 2001 Jan; 167(1):48-58. PMID: 11161592 [PubMed - indexed for MEDLINE] 72: Nishida A, Takahashi M, Tanihara H, Nakano I, Takahashi JB, Related Articles, Links Mizoguchi A, Ide C, Honda Y Incorporation and differentiation of hippocampus-derived neural stem cells transplanted in injured adult rat retina. Invest Ophthalmol Vis Sci. 2000 Dec;41(13):4268-74. PMID: 11095625 [PubMed - indexed for MEDLINE] 73: Kosugi I, Shinmura Y, Kawasaki H, Arai Y, Li RY, Baba S, Related Articles, Links Tsutsui Y. Cytomegalovirus infection of the central nervous system stem cells from

e ch

	mouse embryo: a model for developmental brain disorde cytomegalovirus.  Lab Invest. 2000 Sep;80(9):1373-83.  PMID: 11005206 [PubMed - indexed for MEDLINE]	rs induced by
□ 74:	Kojima A, Tator CH.	Related Articles, Links
	Epidermal growth factor and fibroblast growth factor 2 coof ependymal precursor cells in the adult rat spinal cord J Neuropathol Exp Neurol. 2000 Aug;59(8):687-97. PMID: 10952059 [PubMed - indexed for MEDLINE]	
□ 75:	Piper DR, Mujtaba T, Rao MS, Lucero MT.	Related Articles, Links
	Immunocytochemical and physiological characterization cultured human neural precursors.  J Neurophysiol. 2000 Jul;84(1):534-48.  PMID: 10899225 [PubMed - indexed for MEDLINE]	of a population of
□ 76:	Palm K, Salin-Nordstrom T, Levesque MF, Neuman T.	Related Articles, Links
	Fetal and adult human CNS stem cells have similar mole characteristics and developmental potential. Brain Res Mol Brain Res. 2000 May 31;78(1-2):192-5. PMID: 10891600 [PubMed - indexed for MEDLINE]	ecular
□ 77:	Kanno H, Saljooque F, Yamamoto I, Hattori S, Yao M, Shuin T, U HS	Related Articles, Links
	Role of the von Hippel-Lindau tumor suppressor protein differentiation.  Cancer Res. 2000 Jun 1;60(11):2820-4.  PMID: 10850421 [PubMed - indexed for MEDLINE]	during neuronal
□ 78:	Bernier PJ, Vinet J, Cossette M, Parent A.	Related Articles, Links
	Characterization of the subventricular zone of the adult I evidence for the involvement of Bcl-2. Neurosci Res. 2000 May;37(1):67-78. PMID: 10802345 [PubMed - indexed for MEDLINE]	numan brain:
□ 79:	Messam CA, Hou J, Major EO.	Related Articles, Links
	Coexpression of nestin in neural and glial cells in the de CNS defined by a human-specific anti-nestin antibody. Exp Neurol. 2000 Feb;161(2):585-96. PMID: 10686078 [PubMed - indexed for MEDLINE]	veloping human
□ 80:	Villa A, Snyder EY, Vescovi A, Martinez-Serrano A.	Related Articles, Links
	Establishment and properties of a growth factor-dependent neural stem cell line from the human CNS. Exp Neurol. 2000 Jan;161(1):67-84. PMID: 10683274 [PubMed - indexed for MEDLINE]	ent, perpetual
□ 81:	Quinn SM, Walters WM, Vescovi AL, Whittemore SR.	Related Articles, Links
	Lineage restriction of neuroepithelial precursor cells from spinal cord.  J Neurosci Res. 1999 Sep 1;57(5):590-602.  PMID: 10462684 [PubMed - indexed for MEDLINE]	m fetal human
□ 82:	Kukekov VG, Laywell ED, Suslov O, Davies K, Scheffler B, Thomas LB, O'Brien TF, Kusakabe M, Steindler DA.	Related Articles, Links
	Multipotent stem/progenitor cells with similar properties neurogenic regions of adult human brain.	s arise from two

Related Articles, Links

h

cb

h g

e e

Exp Neurol. 1999 Apr;156(2):333-44. PMID: 10328940 [PubMed - indexed for MEDLINE] 83: Domerco M, Matute C. Related Articles, Links Expression of glutamate transporters in the adult bovine corpus callosum. Brain Res Mol Brain Res. 1999 Apr 20;67(2):296-302. PMID: 10216228 [PubMed - indexed for MEDLINE] 84: Zhou FC, Chiang YH. Related Articles, Links Long-term nonpassaged EGF-responsive neural precursor cells are stem cells. Wound Repair Regen. 1998 Jul-Aug; 6(4):337-48. PMID: 9824552 [PubMed - indexed for MEDLINE] 85: Ali SA, Pappas IS, Parnavelas JG. Related Articles, Links Collagen type IV promotes the differentiation of neuronal progenitors and inhibits astroglial differentiation in cortical cell cultures. Brain Res Dev Brain Res. 1998 Sep 10;110(1):31-8. PMID: 9733911 [PubMed - indexed for MEDLINE] 86: Winkler C, Fricker RA, Gates MA, Olsson M, Hammang JP, Related Articles, Links Carpenter MK, Bjorklund A. Incorporation and glial differentiation of mouse EGF-responsive neural progenitor cells after transplantation into the embryonic rat brain. Mol Cell Neurosci. 1998 Jun;11(3):99-116. PMID: 9647689 [PubMed - indexed for MEDLINE] Related Articles, Links 87: Scherer SE, Gallo V. Expression and regulation of kainate and AMPA receptors in the rat neural tube. J Neurosci Res. 1998 May 1;52(3):356-68. PMID: 9590444 [PubMed - indexed for MEDLINE] 88: Meltzer H, Hatton JD, Sang U H. Related Articles, Links Cell type-specific development of rodent central nervous system progenitor cells in culture. J Neurosurg. 1998 Jan;88(1):93-8. PMID: 9420078 [PubMed - indexed for MEDLINE] 89: Hulspas R, Tiarks C, Reilly J, Hsieh CC, Recht L, Quesenberry PJ. Related Articles, Links In vitro cell density-dependent clonal growth of EGF-responsive murine neural progenitor cells under serum-free conditions. Exp Neurol. 1997 Nov;148(1):147-56. PMID: 9398457 [PubMed - indexed for MEDLINE] 90: Kalyani A, Hobson K, Rao MS. Related Articles, Links Neuroepithelial stem cells from the embryonic spinal cord: isolation, characterization, and clonal analysis. Dev Biol. 1997 Jun 15;186(2):202-23. PMID: 9205140 [PubMed - indexed for MEDLINE] 1. 91: Lundberg C, Martinez-Serrano A, Cattaneo E, McKay RD, Related Articles, Links Bjorklund A. Survival, integration, and differentiation of neural stem cell lines after = transplantation to the adult rat striatum. Exp Neurol. 1997 Jun; 145(2 Pt 1): 342-60. PMID: 9217071 [PubMed - indexed for MEDLINE]

92: Cavanagh JF, Mione MC, Pappas IS, Parnavelas JG.

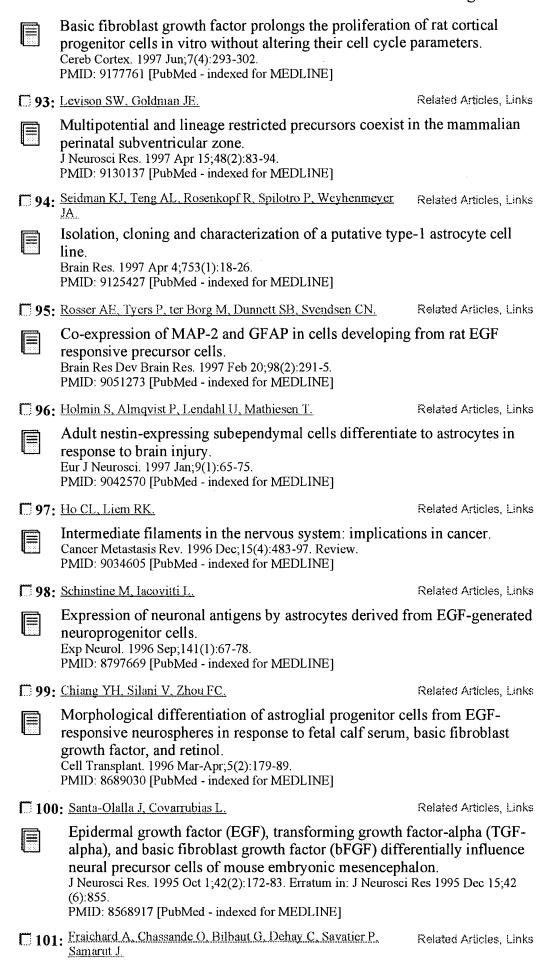
e ch

b e

e fcg

h

cb



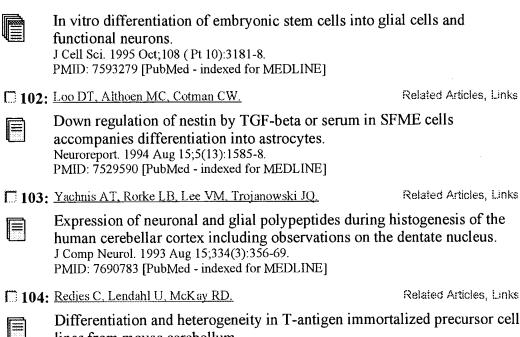
fcg

е

e e

h g

e ch



Differentiation and heterogeneity in T-antigen immortalized precursor cell lines from mouse cerebellum.

J Neurosci Res. 1991 Dec;30(4):601-15.

PMID: 1724017 [PubMed - indexed for MEDLINE]

 Show: 500
 Sort Display Summary Send to Text

Items 1-104 of 104

One page.

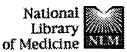
Write to the Help Desk NCBI | NLM | NIH Department of Health & Human Services Freedom of Information Act | Disclaimer

Mar 2 2004 16:02:50

cb







PMC OMIM Journals Entrez PubMed Nucleotide Protein Genome Structure Boo: Search | PubMed Go Clear for astrocyte progenitor cells AND GFAP AND nestin Clipboard Details Limits Preview/Index History About Entrez Show: 500 Display Summary Send to Text One page. Items 1-44 of 44 **Text Version** Related Articles, Links 1: Zhang H, Wang JZ, Sun HY, Zhang JN, Yang SY. Entrez PubMed The effects of GM1 and bFGF synergistically inducing adult rat bone Overview marrow stromal cells to form neural progenitor cells and their Help | FAQ Tutorial differentiation. New/Noteworthy Chin J Traumatol. 2004 Feb;7(1):3-6. E-Utilities PMID: 14728810 [PubMed - in process] 2: Shi Y. Chichung Lie D. Taupin P. Nakashima K. Ray J. Yu RT. PubMed Services Related Articles, Links Journals Database Gage FH, Evans RM. MeSH Database Expression and function of orphan nuclear receptor TLX in adult neural Single Citation Matcher Batch Citation Matcher Clinical Queries Nature. 2004 Jan 1;427(6969):78-83. **LinkOut** PMID: 14702088 [PubMed - indexed for MEDLINE] Cubby Related Articles, Links 3: Yang P, Hernandez MR. Related Resources Purification of astrocytes from adult human optic nerve heads by Order Documents immunopanning. NLM Gateway TOXNET Brain Res Brain Res Protoc. 2003 Oct; 12(2):67-76. Consumer Health PMID: 14613807 [PubMed - indexed for MEDLINE] Clinical Alerts 1 4: Filippov V, Kronenberg G, Pivneva T, Reuter K, Steiner B, Wang ClinicalTrials.gov Related Articles, Links PubMed Central LP, Yamaguchi M. Kettenmann H, Kempermann G. Subpopulation of nestin-expressing progenitor cells in the adult murine Privacy Policy hippocampus shows electrophysiological and morphological characteristics of astrocytes. Mol Cell Neurosci. 2003 Jul;23(3):373-82. PMID: 12837622 [PubMed - indexed for MEDLINE] 5: Tonchev AB, Yamashima T, Zhao L, Okano H. Related Articles, Links Differential proliferative response in the postischemic hippocampus, temporal cortex, and olfactory bulb of young adult macaque monkeys. Glia. 2003 May; 42(3):209-24. PMID: 12673828 [PubMed - indexed for MEDLINE] **6:** Hao HN, Zhao J, Thomas RL, Parker GC, Lyman WD. Related Articles, Links Fetal human hematopoietic stem cells can differentiate sequentially into neural stem cells and then astrocytes in vitro. J Hematother Stem Cell Res. 2003 Feb;12(1):23-32. PMID: 12662433 [PubMed - indexed for MEDLINE] 7: Jori FP, Galderisi U, Piegari E, Cipollaro M, Cascino A, Peluso G, Related Articles, Links Cotrufo R, Giordano A, Melone MA EGF-responsive rat neural stem cells: molecular follow-up of neuron and astrocyte differentiation in vitro. J Cell Physiol. 2003 May;195(2):220-33. PMID: 12652649 [PubMed - indexed for MEDLINE]

Takahashi M, Arai Y, Kurosawa H, Sueyoshi N, Shirai S.

fcg

e ch

b

е

h g

е

cb

h

□ 8:		Related Articles, Links
	Ependymal cell reactions in spinal cord segments after co in adult rat.  J Neuropathol Exp Neurol. 2003 Feb;62(2):185-94.  PMID: 12578228 [PubMed - indexed for MEDLINE]	mpression injury
□9:	Kim G, Choe Y, Park J, Cho S, Kim K.	Related Articles, Links
	Activation of protein kinase A induces neuronal different hippocampal progenitor cells.  Brain Res Mol Brain Res. 2002 Dec 30;109(1-2):134-45.  PMID: 12531523 [PubMed - indexed for MEDLINE]	iation of HiB5
□10	: Charytoniuk D, Traiffort E, Hantraye P, Hermel JM, Galdes A, Ruat M	Related Articles, Links
	Intrastriatal sonic hedgehog injection increases Patched the adult rat subventricular zone. Eur J Neurosci. 2002 Dec;16(12):2351-7. PMID: 12492430 [PubMed - indexed for MEDLINE]	transcript levels in
□11	: Shibuya S, Miyamoto O, Auer RN, Itano T, Mori S, Norimatsu H.	Related Articles, Links
	Embryonic intermediate filament, nestin, expression following spinal cord injury in adult rats. Neuroscience. 2002;114(4):905-16. PMID: 12379246 [PubMed - indexed for MEDLINE]	lowing traumatic
T 12	Milosevic A, Goldman JE.	Related Articles, Links
	Progenitors in the postnatal cerebellar white matter are a heterogeneous.  J Comp Neurol. 2002 Oct 14;452(2):192-203.  PMID: 12271492 [PubMed - indexed for MEDLINE]	antigenically
□13	3: Kamitori K, Machide M, Tomita K, Nakafuku M, Kohsaka S.	Related Articles, Links
	Cell-type-specific expression of protein tyrosine kinase- RYK in the central nervous system of the rat. Brain Res Mol Brain Res. 2002 Aug 15;104(2):255-66. PMID: 12225882 [PubMed - indexed for MEDLINE]	related receptor
<b>T</b> 14	1: Schumm MA, Castellanos DA, Frydel BR, Sagen J.	Related Articles, Links
	Enhanced viability and neuronal differentiation of neural chromaffin cell co-culture.  Brain Res Dev Brain Res. 2002 Aug 30;137(2):115-25.  PMID: 12220703 [PubMed - indexed for MEDLINE]	al progenitors by
	5: Alves JA, Barone P, Engelender S, Froes MM, Menezes JR	Related Articles, Links
	Initial stages of radial glia astrocytic transformation in t anterior subventricular zone.  J Neurobiol. 2002 Sep 5;52(3):251-65.  PMID: 12210108 [PubMed - indexed for MEDLINE]	he early postnatal
□10	5: Espinosa-Jeffrey A, Becker-Catania SG, Zhao PM, Cole R, Edmond J, de Vellis J.	Related Articles, Links
	Selective specification of CNS stem cells into oligodeno cell lineage: cell culture and transplant studies.  J Neurosci Res. 2002 Sep 15;69(6):810-25. PMID: 12205675 [PubMed - indexed for MEDLINE]	droglial or neuronal
<b>1</b>	7: Ignatova TN, Kukekov VG, Laywell ED, Suslov ON, Vrionis FD, Steindler DA.	Related Articles, Links

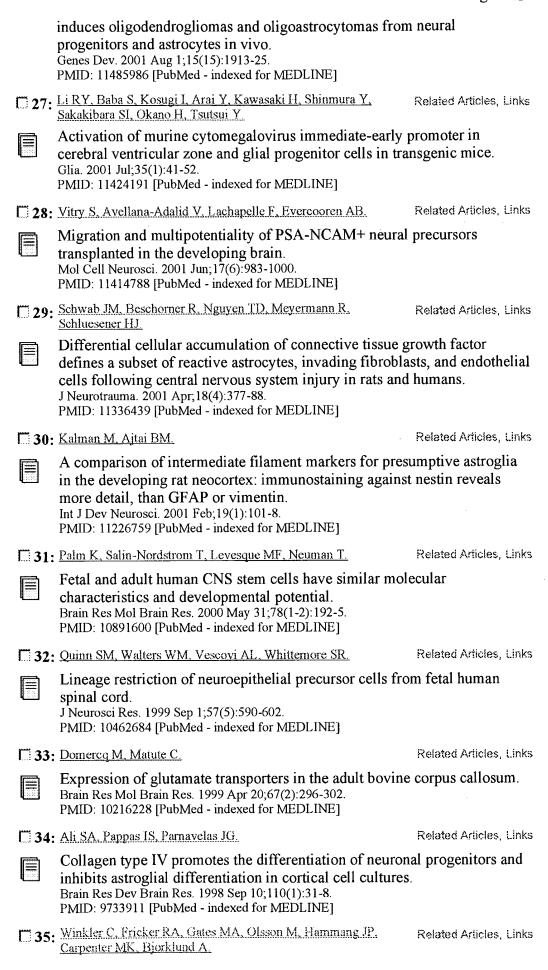
b e

 $h \hspace{1cm} cb \hspace{1cm} h \hspace{1cm} g \hspace{1cm} e \hspace{1cm} e \hspace{1cm} fcg \hspace{1cm} e \hspace{1cm} ch$ 

	Human cortical glial tumors contain neural stem-like ce astroglial and neuronal markers in vitro. Glia. 2002 Sep;39(3):193-206. PMID: 12203386 [PubMed - indexed for MEDLINE]	lls expressing
□18	Khelfaoui M, Guimiot F, Simonneau M.	Related Articles, Links
	Early neuronal and glial determination from mouse E10 embryonic stem cells: an in vitro study.  Neuroreport. 2002 Jul 2;13(9):1209-14.  PMID: 12151771 [PubMed - indexed for MEDLINE]	.5 telencephalon
□ 19	Schmidt-Kastner R. Humpel C.	Related Articles, Links
	Nestin expression persists in astrocytes of organotypic strat cortex. Int J Dev Neurosci. 2002 Feb;20(1):29-38. PMID: 12008072 [PubMed - indexed for MEDLINE]	slice cultures from
□ 20	Messam CA, Hou J, Berman JW, Major EO	Related Articles, Links
	Analysis of the temporal expression of nestin in human neuronal and glial progenitor cells. Brain Res Dev Brain Res. 2002 Mar 31;134(1-2):87-92. PMID: 11947939 [PubMed - indexed for MEDLINE]	fetal brain derived
□ 21	Lemkine GF, Mantero S, Migne C, Raji A, Goula D, Normandie P Levi G, Demeneix BA	Related Articles, Links
	Preferential transfection of adult mouse neural stem cel immediate progeny in vivo with polyethylenimine. Mol Cell Neurosci. 2002 Feb;19(2):165-74. PMID: 11860270 [PubMed - indexed for MEDLINE]	ls and their
□ 22	: Tzeng SF, Bresnahan JC, Beattie MS, de Vellis J.	Related Articles, Links
	: Tzeng SF, Bresnahan JC, Beattie MS, de Vellis J.  Upregulation of the HLH Id gene family in neural prog cells of the rat spinal cord following contusion injury.  J Neurosci Res. 2001 Dec 15;66(6):1161-72.  PMID: 11746449 [PubMed - indexed for MEDLINE]	
	Upregulation of the HLH Id gene family in neural prog cells of the rat spinal cord following contusion injury. J Neurosci Res. 2001 Dec 15;66(6):1161-72.	enitors and glial
	Upregulation of the HLH Id gene family in neural prog cells of the rat spinal cord following contusion injury.  J Neurosci Res. 2001 Dec 15;66(6):1161-72.  PMID: 11746449 [PubMed - indexed for MEDLINE]  Piper DR, Mujtaba T, Keyoung H, Roy NS, Goldman SA, Rao	enitors and glial  Related Articles, Links
☐ 23 ☐	Upregulation of the HLH Id gene family in neural prog cells of the rat spinal cord following contusion injury. J Neurosci Res. 2001 Dec 15;66(6):1161-72. PMID: 11746449 [PubMed - indexed for MEDLINE]  Piper DR, Mujtaba T, Keyoung H, Roy NS, Goldman SA, Rao MS, Lucero MT.  Identification and characterization of neuronal precurso from human fetal tissue. J Neurosci Res. 2001 Nov 1;66(3):356-68.	enitors and glial  Related Articles, Links
☐ 23 ☐	Upregulation of the HLH Id gene family in neural prog cells of the rat spinal cord following contusion injury. J Neurosci Res. 2001 Dec 15;66(6):1161-72. PMID: 11746449 [PubMed - indexed for MEDLINE]  Piper DR, Mujtaba T, Keyoung H, Roy NS, Goldman SA, Rao MS, Lucero MT.  Identification and characterization of neuronal precurso from human fetal tissue.  J Neurosci Res. 2001 Nov 1;66(3):356-68. PMID: 11746353 [PubMed - indexed for MEDLINE]	enitors and glial  Related Articles, Links ors and their progeny  Related Articles, Links
☐ 23 ☐ 24	Upregulation of the HLH Id gene family in neural prog cells of the rat spinal cord following contusion injury.  J Neurosci Res. 2001 Dec 15;66(6):1161-72.  PMID: 11746449 [PubMed - indexed for MEDLINE]  : Piper DR, Mujtaba T, Keyoung H, Roy NS, Goldman SA, Rao MS, Lucero MT.  Identification and characterization of neuronal precurso from human fetal tissue.  J Neurosci Res. 2001 Nov 1;66(3):356-68.  PMID: 11746353 [PubMed - indexed for MEDLINE]  : Kernie SG, Erwin TM, Parada LF.  Brain remodeling due to neuronal and astrocytic prolife controlled cortical injury in mice.  J Neurosci Res. 2001 Nov 1;66(3):317-26.	Related Articles, Links ors and their progeny  Related Articles, Links eration after
☐ 23 ☐ 24	Upregulation of the HLH Id gene family in neural prog cells of the rat spinal cord following contusion injury. J Neurosci Res. 2001 Dec 15;66(6):1161-72. PMID: 11746449 [PubMed - indexed for MEDLINE]  : Piper DR, Mujtaba T, Keyoung H, Roy NS, Goldman SA, Rao MS, Lucero MT.  Identification and characterization of neuronal precurso from human fetal tissue.  J Neurosci Res. 2001 Nov 1;66(3):356-68. PMID: 11746353 [PubMed - indexed for MEDLINE]  : Kernie SG, Erwin TM, Parada LF.  Brain remodeling due to neuronal and astrocytic prolife controlled cortical injury in mice.  J Neurosci Res. 2001 Nov 1;66(3):317-26. PMID: 11746349 [PubMed - indexed for MEDLINE]  : Hugnot JP, Mellodew K, Pilcher H, Uwanogho D, Price J, Sinden	Related Articles, Links ors and their progeny  Related Articles, Links eration after  Related Articles, Links
	Upregulation of the HLH Id gene family in neural prog cells of the rat spinal cord following contusion injury. J Neurosci Res. 2001 Dec 15;66(6):1161-72. PMID: 11746449 [PubMed - indexed for MEDLINE]  Piper DR, Mujtaba T, Keyoung H, Roy NS, Goldman SA, Rao MS, Lucero MT.  Identification and characterization of neuronal precurso from human fetal tissue. J Neurosci Res. 2001 Nov 1;66(3):356-68. PMID: 11746353 [PubMed - indexed for MEDLINE]  Kernie SG, Erwin TM, Parada LF.  Brain remodeling due to neuronal and astrocytic prolife controlled cortical injury in mice. J Neurosci Res. 2001 Nov 1;66(3):317-26. PMID: 11746349 [PubMed - indexed for MEDLINE]  Hugnot JP, Mellodew K, Pilcher H, Uwanogho D, Price J, Sinden JD  Direct cell-cell interactions control apoptosis and oligo expression of neuroepithelial cells. J Neurosci Res. 2001 Aug 1;65(3):195-207.	Related Articles, Links ors and their progeny Related Articles, Links eration after Related Articles, Links dendrocyte marker

h cb hg e e e fcg

e ch



h

	Incorporation and glial differentiation of mouse EGF-responsive neural progenitor cells after transplantation into the embryonic rat brain.  Mol Cell Neurosci. 1998 Jun;11(3):99-116.  PMID: 9647689 [PubMed - indexed for MEDLINE]		
□ 36	Kalyani A, Hobson K, Rao MS.	Related Articles, Links	
	Neuroepithelial stem cells from the embryonic spinal contaracterization, and clonal analysis.  Dev Biol. 1997 Jun 15;186(2):202-23.  PMID: 9205140 [PubMed - indexed for MEDLINE]	ord: isolation,	
□ 37	Levison SW. Goldman JE.	Related Articles, Links	
	Multipotential and lineage restricted precursors coexist perinatal subventricular zone.  J Neurosci Res. 1997 Apr 15;48(2):83-94.  PMID: 9130137 [PubMed - indexed for MEDLINE]	in the mammalian	
□ 38	Seidman K.J. Teng AL, Rosenkopf R, Spilotro P, Weyhenmeyer JA	Related Articles, Links	
	Isolation, cloning and characterization of a putative typ line. Brain Res. 1997 Apr 4;753(1):18-26.	e-1 astrocyte cell	
	PMID: 9125427 [PubMed - indexed for MEDLINE]		
□ 39	: Rosser AE, Tyers P, ter Borg M, Dunnett SB, Svendsen CN.	Related Articles, Links	
	Co-expression of MAP-2 and GFAP in cells developing responsive precursor cells. Brain Res Dev Brain Res. 1997 Feb 20;98(2):291-5. PMID: 9051273 [PubMed - indexed for MEDLINE]	g from rat EGF	
□ 40	: Holmin S. Almqvist P. Lendahl U. Mathiesen T.	Related Articles, Links	
	Adult nestin-expressing subependymal cells differential response to brain injury. Eur J Neurosci. 1997 Jan;9(1):65-75. PMID: 9042570 [PubMed - indexed for MEDLINE]	te to astrocytes in	
□ 41	: Schinstine M, Jacovitti L.	Related Articles, Links	
	Expression of neuronal antigens by astrocytes derived for neuroprogenitor cells.  Exp Neurol. 1996 Sep;141(1):67-78.  PMID: 8797669 [PubMed - indexed for MEDLINE]	from EGF-generated	
□ 42	: Chiang YH, Silani V, Zhou FC	Related Articles, Links	
	Morphological differentiation of astroglial progenitor cresponsive neurospheres in response to fetal calf serum growth factor, and retinol. Cell Transplant. 1996 Mar-Apr;5(2):179-89. PMID: 8689030 [PubMed - indexed for MEDLINE]		
□ 43	Fraichard A. Chassande O, Bilbaut G, Dohay C, Savatier P, Samanut J.	Related Articles, Links	
	In vitro differentiation of embryonic stem cells into glia	al cells and	
₩,	functional neurons. J Cell Sci. 1995 Oct;108 ( Pt 10):3181-8. PMID: 7593279 [PubMed - indexed for MEDLINE]		
□ 44	: Loo DT, Althoen MC, Cotman CW.	Related Articles, Links	
	Down regulation of nestin by TGF-beta or serum in SF	ME cells	

Down regulation of necessary 1 e2 come of constant and 22 con-

accompanies differentiation into astrocytes.
Neuroreport. 1994 Aug 15;5(13):1585-8.
PMID: 7529590 [PubMed - indexed for MEDLINE]

Display Summary Show: 500 Sort Send to Text

Items 1-44 of 44

One page.

Write to the Help Desk
NCBi | NLM | NIH
Department of Health & Human Services
Freedom of Information Act | Disclaimer

Mar 2 2004 16:02:50

FILE 'HOME' ENTERED AT 11:46:46 ON 09 MAR 2004

=> file BIOSCIENCE FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED FILE 'ADISCTI' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'ADISINSIGHT' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'ADISNEWS' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'AGRICOLA' ENTERED AT 11:46:54 ON 09 MAR 2004

FILE 'ANABSTR' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (c) 2004 THE ROYAL SOCIETY OF CHEMISTRY (RSC)

FILE 'AQUASCI' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT 2004 FAO (On behalf of the ASFA Advisory Board). All rights reserved.

FILE 'BIOBUSINESS' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Biological Abstracts, Inc. (BIOSIS)

FILE 'BIOCOMMERCE' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 BioCommerce Data Ltd. Richmond Surrey, United Kingdom. All rights reserved

FILE 'BIOSIS' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

FILE 'BIOTECHNO' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'CABA' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 CAB INTERNATIONAL (CABI)

FILE 'CANCERLIT' ENTERED AT 11:46:54 ON 09 MAR 2004

FILE 'CAPLUS' ENTERED AT 11:46:54 ON 09 MAR 2004 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CEABA-VTB' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (c) 2004 DECHEMA eV

FILE 'CEN' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 American Chemical Society (ACS)

FILE 'CIN' ENTERED AT 11:46:54 ON 09 MAR 2004 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2004 American Chemical Society (ACS)

FILE 'CONFSCI' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'CROPB' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'CROPU' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DISSABS' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved.

```
FILE 'DDFB' ACCESS NOT AUTHORIZED
```

FILE 'DDFU' ACCESS NOT AUTHORIZED

FILE 'DGENE' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DRUGB' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DRUGMONOG2' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'IMSDRUGNEWS' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'DRUGU' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'IMSRESEARCH' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'EMBAL' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'EMBASE' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'ESBIOBASE' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'FEDRIP' ENTERED AT 11:46:54 ON 09 MAR 2004

FILE 'FOMAD' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FOREGE' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FROSTI' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FSTA' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 International Food Information Service

FILE 'GENBANK' ENTERED AT 11:46:54 ON 09 MAR 2004

FILE 'HEALSAFE' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'IFIPAT' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 IFI CLAIMS(R) Patent Services (IFI)

FILE 'IMSPRODUCT' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'JICST-EPLUS' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Japan Science and Technology Agency (JST)

FILE 'KOSMET' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 International Federation of the Societies of Cosmetics Chemists

FILE 'LIFESCI' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'MEDICONF' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (c) 2004 FAIRBASE Datenbank GmbH, Hannover, Germany

FILE 'MEDLINE' ENTERED AT 11:46:54 ON 09 MAR 2004

FILE 'NIOSHTIC' ENTERED AT 11:46:54 ON 09 MAR 2004 COPYRIGHT (C) 2004 U.S. Secretary of Commerce on Behalf of the U.S. Government

FILE 'NTIS' ENTERED AT 11:46:54 ON 09 MAR 2004 Compiled and distributed by the NTIS, U.S. Department of Commerce. It contains copyrighted material.

```
All rights reserved. (2004)
FILE 'NUTRACEUT' ENTERED AT 11:46:54 ON 09 MAR 2004
Copyright 2004 (c) MARKETLETTER Publications Ltd. All rights reserved.
FILE 'OCEAN' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)
FILE 'PASCAL' ENTERED AT 11:46:54 ON 09 MAR 2004
Any reproduction or dissemination in part or in full,
by means of any process and on any support whatsoever
is prohibited without the prior written agreement of INIST-CNRS.
COPYRIGHT (C) 2004 INIST-CNRS. All rights reserved.
FILE 'PCTGEN' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT (C) 2004 WIPO
FILE 'PHAR' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)
FILE 'PHARMAML' ENTERED AT 11:46:54 ON 09 MAR 2004
Copyright 2004 (c) MARKETLETTER Publications Ltd. All rights reserved.
FILE 'PHIC' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)
FILE 'PHIN' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)
FILE 'PROMT' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT (C) 2004 Gale Group. All rights reserved.
FILE 'RDISCLOSURE' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT (C) 2004 Kenneth Mason Publications Ltd.
FILE 'SCISEARCH' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT 2004 THOMSON ISI
FILE 'SYNTHLINE' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT (C) 2004 Prous Science
FILE 'TOXCENTER' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT (C) 2004 ACS
FILE 'USPATFULL' ENTERED AT 11:46:54 ON 09 MAR 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
FILE 'USPAT2' ENTERED AT 11:46:54 ON 09 MAR 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
FILE 'VETB' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT (C) 2004 THOMSON DERWENT
FILE 'VETU' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT (C) 2004 THOMSON DERWENT
FILE 'WPIDS' ENTERED AT 11:46:54 ON 09 MAR 2004
COPYRIGHT (C) 2004 THOMSON DERWENT
FILE 'WPINDEX' ACCESS NOT AUTHORIZED
=> s astrocyte progenitor cells OR glial progenitor cells
  14 FILES SEARCHED...
  26 FILES SEARCHED...
  38 FILES SEARCHED...
  49 FILES SEARCHED...
  63 FILES SEARCHED...
          1105 ASTROCYTE PROGENITOR CELLS OR GLIAL PROGENITOR CELLS
L1
=> S GFAP AND nestin
   9 FILES SEARCHED...
  32 FILES SEARCHED...
```

52 FILES SEARCHED...

=> S L1 AND L2

1393 GFAP AND NESTIN

```
82 L1 AND L2
DUP REM L3
JPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
RUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
EDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ISWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
ROCESSING COMPLETED FOR L3
            54 DUP REM L3 (28 DUPLICATES REMOVED)
→ D L4 1-54
   ANSWER 1 OF 54 USPATFULL ON STN
      2003:320406 USPATFULL
      Cancer models
     Bachoo, Robert M., Roslindale, MA, UNITED STATES
     Depinho, Ronald A., Brookline, MA, UNITED STATES US 2003226159 A1 20031204
                                20030415 (10)
      us 2003-414460
                           Α1
     US 2002-373139P
                            20020416 (60)
RAI
     US 2002-374791P
                            20020422 (60)
     Utility
     APPLICATION
N.CNT 1230
      INCLM: 800/018.000
NCL
      INCLS: 435/354.000
      NCLM:
             800/018.000
ΞL
      NCLS:
             435/354.000
      ICM: A01K067-027
      ICS: C12N005-06
AS INDEXING IS AVAILABLE FOR THIS PATENT.
   ANSWER 2 OF 54 USPATFULL on STN
      2003:318230 USPATFULL
      Myelination of congenitally dysmyelinated forebrains using
      oligodendrocyte progenitor cells
      Goldman, Steven A., South Salem, NY, UNITED STATES
     Roy, Neéta Singh, New York, NY, UNITED STATES Windrem, Martha, New York, NY, UNITED STATES US 2003223972 A1 20031204
      us 2003-368810
                          Α1
                                20030214 (10)
      US 2002-358006P
RAI
                            20020215 (60)
      Utility
      APPLICATION
N.CNT 1308
      INCLM: 424/093.210
NCL
      INCLS: 435/368.000; 435/456.000; 435/459.000; 435/458.000
424/093.210
      NCLM:
             435/368.000; 435/456.000; 435/459.000; 435/458.000
      NCLS:
      [7]
      ICM: A61K048-00
      ICS: C12N005-08; C12N015-86; C12N015-88; C12N015-87
AS INDEXING IS AVAILABLE FOR THIS PATENT.
   ANSWER 3 OF 54 USPATFULL on STN
      2003:231619 USPATFULL
      Pluripotent embryonic-like stem cells, compositions, methods and uses
      thereof
      Young, Henry E., Macon, GA, UNITED STATES
Lucas, Paul A., Poughkeepsie, NY, UNITED STATES
      US 2003161817
                                20030828
                           Α1
      us 2001-820320
                           Α1
                                20010328 (9)
      Utility
      APPLICATION
N.CNT 10419
NCL
      INCLM: 424/093.210
      INCLS: 435/366.000
NCLM: 424/093.210
CL
      NCLS:
             435/366.000
      [7]
      ICM: A61K048-00
      ICS: C12N005-08
AS INDEXING IS AVAILABLE FOR THIS PATENT.
```

35 FILES SEARCHED...

```
L4
      ANSWER 4 OF 54 USPATFULL ON STN
         2003:159428 USPATFULL
AN
         Lineage restricted glial precursors from the central nervous system
TT
         Rao, Mahendra S., Salt Lake City, UT, UNITED STATES
IN
         Noble, Mark, Brighton, NY, UNITED STATES
         Mayer-Proschel, Margot, Pittsford, NY, UNITED STATES
         us 2003109041
PΙ
                                   Α1
                                          20030612
         US 2002-335354 A1 20021230 (10)
Division of Ser. No. US 2001-736728, filed on 16 Mar 2001, PENDING
Continuation of Ser. No. US 1997-980850, filed on 29 Nov 1997, GRANTED,
ΑI
RLI
          Pat. No. US 6235527
         Utility
DT
         APPLICATION
FS
LN.CNT 1443
         INCLM: 435/368.000
INCL
         NCLM: 435/368.000
NCL
IC
          [7]
         ICM: C12N005-08
L4
       ANSWER 5 OF 54 USPATFULL ON STN
          2003:159395 USPATFULL
ΑN
         Methods of making CDNA libraries
TI
         Weiss, Samuel, Alberta, CANADA
IN
          Reynolds, Brent, Alberta, CANADA
         Hammang, Joseph P., Barrington, RI, UNITED STATES
          Baetge, E. Edward, Barrington, RI, UNITED STATES
         us 2003109008
                                          20030612
PΙ
                                   Α1
         us 2002-199830
                                          20020719 (10)
                                   Α1
ΑI
         Continuation of Ser. No. US 1995-486313, filed on 7 Jun 1995, GRANTED, Pat. No. US 6497872 Continuation-in-part of Ser. No. US 1994-270412, filed on 5 Jul 1994, ABANDONED Continuation of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation of Ser. No. US 1995-385404, filed on 7 Feb 1995, ABANDONED Continuation of Ser. No. US 1992-961813, filed on 16 Oct 1992, ABANDONED Continuation-in-part of Ser. No. US
RLI
          1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser.
         No. US 1994-359945, filed on 20 Dec 1994, ABANDONED Continuation of Ser.
         No. US 1994-221655, filed on 1 Apr 1994, ABANDONED Continuation of Ser. No. US 1992-967622, filed on 28 Oct 1992, ABANDONED Continuation-in-part
         of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1995-376062, filed on 20 Jan 1995, ABANDONED Continuation of Ser. No. US 1993-10829, filed on 29 Jan 1993, ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1993-149508,
          filed on 9 Nov 1993, ABANDONED Continuation-in-part of Ser. No. US
          1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser.
          No. US 1994-311099, filed on 23 Sep 1994, ABANDONED Continuation-in-part
         of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1994-338730, filed on 14 Nov 1994,
          ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8
          Jul 1991, ABANDONED
DT
          Utility
          APPLICATION
FS
LN.CNT 3873
INCL
          INCLM: 435/091.100
          INCLS: 435/368.000
NCL
                  435/091.100
          NCLS:
                  435/368.000
          [7]
IC
          ICM: C12P019-34
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L4
       ANSWER 6 OF 54 USPATFULL on STN
ΔN
          2003:152283 USPATFULL
          Screening small molecule drugs using neural cells differentiated from
TI
          human embryonic stem cells
IN
          Carpenter, Melissa K., Castro Valley, CA, UNITED STATES
          Denham, Jerrod J., San Francisco, CA, UNITED STATES
          Inokuma, Margaret S., San Jose, CA, UNITED STATES
          Thies, R. Scott, Pleasanton, CA, UNITED STATES
          us 2003103949
                                          20030605
PΙ
                                   Α1
                                          20020528 (10)
          us 2002-157288
                                   Α1
ΑI
          Continuation-in-part of Ser. No. US 2001-859351, filed on 16 May 2001,
RLI
          PENDING Continuation-in-part of Ser. No. US 2001-872183, filed on 31 May
          2001, PENDING Continuation-in-part of Ser. No. US 2001-888309, filed on
         21 Jun 2001, PENDING
                                     20010516
PRAI
         wo 2001-us15861
```

```
US 2000-205600P
                                           20000517 (60)
           US 2000-213739P
                                           20000622 (60)
           US 2000-257608P
                                           20001222 (60)
           Utility
DT
           APPLICATION
FS
LN.CNT 1776
           INCLM: 424/093.210
INCL
           INCLS: 435/004.000; 435/368.000
                      424/093.210
NCL
           NCLM:
           NCLS: 435/004.000; 435/368.000
IC
           [7]
           ICM: A61K048-00
           ICS: C12Q001-00; C12N005-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
        ANSWER 7 OF 54 USPATFULL on STN
L4
           2003:140116 USPATFULL
ΑN
           Methods of proliferating undifferentiated neural cells
TI
IN
           weiss, Samuel, Alberta, CANADA
           Reynolds, Brent, Alberta, CANADA
Hammang, Joseph P., Barrington, RI, UNITED STATES
           Baetge, E. Edward, Barrington, RI, UNITED STATES
                                                 20030522
PΙ
           us 2003095956
                                         Α1
                                                 20020719 (10)
           us 2002-199918
                                         Α1
ΑI
           Continuation of Ser. No. US 1995-486313, filed on 7 Jun 1995, PENDING Continuation-in-part of Ser. No. US 1994-270412, filed on 5 Jul 1994,
RLI
           ABANDONED Continuation of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1995-385404, filed on 7 Feb 1995, ABANDONED Continuation of Ser. No. US 1992-961813, filed on 16
           Oct 1992, ABANDONED Continuation-in-part of Ser. No. US 1991-726812,
           filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US
           1994-359945, filed on 20 Dec 1994, ABANDONED Continuation of Ser. No. US
           1994-221655, filed on 1 Apr 1994, ABANDONED Continuation of Ser. No. US 1992-967622, filed on 28 Oct 1992, ABANDONED Continuation-in-part of
           1992-96/622, filed on 28 Oct 1992, ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation of Ser. No. US 1993-10829, filed on 29 Jan 1993, ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1993-149508, filed on 9 Nov 1993, ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1994-311099, filed on 23 Sep 1994, ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1994-338730, filed on 14 Nov 1994, ABANDONED Continuation-in-part of Ser. No. US 1994-726812 filed on 8
           ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8
           Jul 1991, ABANDONED
DT
           Utility
           APPLICATION
FS
LN.CNT 3838
           INCLM: 424/093.210
INCL
           INCLS: 435/368.000
           NCLM: 424/093.210
NCL
                      435/368.000
           NCLS:
IC
            [7]
           ICM: A61K048-00
           ICS: C12N005-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
        ANSWER 8 OF 54 USPATFULL on STN 2003:120030 USPATFULL
L4
AN
ŤΙ
           Methods of screening biological agents
ΙN
           Weiss, Samuel, Alberta, CANADA
           Reynolds, Brent, Alberta, CANADA
           Hammang, Joseph P., Barrington, RI, UNITED STATES
           Baetge, E. Edward, Barrington, RI, UNITED STATES
PΙ
           US 2003082515
                                                 20030501
                                         Α1
ΑI
           US 2002-199189
                                         Α1
                                                 20020719 (10)
           Continuation of Ser. No. US 1995-486313, filed on 7 Jun 1995, PENDING Continuation-in-part of Ser. No. US 1994-270412, filed on 5 Jul 1994,
RLI
           ABANDONED Continuation of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation of Ser. No. US 1995-385404, filed on 7 Feb 1995, ABANDONED Continuation of Ser. No. US 1992-961813, filed on 16 Oct 1992,
           ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8
           Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1994-359945
           filed on 20 Dec 1994, ABANDONED Continuation of Ser. No. US 1994-221655,
           filed on 1 Apr 1994, ABANDONED Continuation of Ser. No. US 1992-967622,
```

filed on 28 oct 1992, ABANDONED Continuation-in-part of Ser. No. US

```
1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1995-376062, filed on 20 Jan 1995, ABANDONED Continuation of Ser.
          No. US 1993-10829, filed on 29 Jan 1993, ABANDONED Continuation-in-part
          of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1993-149508, filed on 9 Nov 1993,
          ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1994-311099, filed on 23 Sep 1994, ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser.
          No. US 1994-338730, filed on 14 Nov 1994, ABANDONED Continuation-in-part
          of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED
          Utility
          APPLICATION
LN.CNT 3844
          INCLM: 435/004.000
          INCLS: 435/368.000
          NCLM:
                    435/004.000
                    435/368.000
          NCLS:
          [7]
          ICM: C12Q001-00
          ICS: C12N005-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       ANSWER 9 OF 54 USPATFULL ON STN
          2003:71552
                          USPATFULL
          In vitro and in vivo proliferation and use of multipotent neural stem
          cells and their progeny
          Weiss, Samuel, Alberta, CANADA
          Reynolds, Brent, Alberta, CANADA
          Hammang, Joseph P., Barrington, RI, UNITED STATES
Baetge, E. Edward, Barrington, RI, UNITED STATES
          us 2003049837
                                      Α1
                                             20030313
                                             20010809 (9)
          us 2001-925911
                                      Α1
          Continuation of Ser. No. US 1995-484203, filed on 7 Jun 1995, GRANTED,
          Pat. No. US 6399369 Continuation-in-part of Ser. No. US 1994-270412
          filed on 5 Jul 1994, ABANDONED Continuation of Ser. No. US 1991-726812,
          filed on 8 Jul 1991, ABANDONED Continuation of Ser. No. US 1995-385404, filed on 7 Feb 1995, ABANDONED Continuation of Ser. No. US 1992-961813, filed on 16 Oct 1992, ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1994-359945, filed on 20 Dec 1994, ABANDONED Continuation of Ser. No. US 1994-221655, filed on 1 Apr 1994, ABANDONED Continuation of Ser. No. US 1993-967622, filed on 28 Oct 1994, ABANDONED Continuation of Ser.
          No. US 1992-967622, filed on 28 Oct 1992, ABANDONED Continuation-in-part
          of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED
          Continuation-in-part of Ser. No. US 1995-376062, filed on 20 Jan 1995
          ABANDONED Continuation of Ser. No. US 1993-10829, filed on 29 Jan 1993,
          ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8
          Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1993-149508,
          filed on 9 Nov 1993, ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED Continuation-in-part of Ser.
          No. US 1994-311099, filed on 23 Sep 1994, ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, ABANDONED
          Continuation-in-part of Ser. No. US 1994-338730, filed on 14 Nov 1994,
          ABANDONED Continuation-in-part of Ser. No. US 1991-726812, filed on 8
          Jul 1991, ABANDONED
          Utility
          APPLICATION
LN.CNT 4025
          INCLM: 435/368.000
          INCLS: 435/384.000
          NCLM: 435/368.000
          NCLS:
                   435/384.000
          [7]
          ICM: C12N005-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       ANSWER 10 OF 54 USPATFULL on STN
          2003:64269 USPATFULL
          Microarrays for cell phenotyping and manipulation
          Brown, Patrick O., Stanford, CA, UNITED STATES
Soen, Yoav, Palo Alto, CA, UNITED STATES
Keen, Erica, Melrose Park, PA, UNITED STATES
          US 2003044389
                                             20030306
                                     Α1
          US 2002-190425
                                      Α1
                                             20020702 (10)
          US 2001-303109P
                                       20010702 (60)
```

DT

FS

INCL

NCL

IC

ı 4

ΑN

ΤI

TN

PΙ

ΑT

RLI

DT

FS

INCL

NCL

IC

L4 AN

ΤI

IN

PΙ

ΑI PRAI

DT

Utility

```
APPLICATION
LN.CNT 1643
       INCLM: 424/093.700
INCL
       INCLS: 435/007.210
              424/093.700
NCL
       NCLM:
       NCLS:
              435/007.210
IC
       [7]
       ICM: G01N033-567
       ICS: A61K045-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 11 OF 54 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L4
     2003:400731 BIOSIS
ΑN
     PREV200300400731
DN
     Aberrant growth and differentiation of oligodendrocyte progenitors in
TI
     neurofibromatosis type 1 mutants.
     Bennett, Michael R.; Rizvi, Tilat A.; Karyala, Saikumar; McKinnon, Randall
ΑU
     D.; Ratner, Nancy [Reprint Author]
Department of Cell Biology, Neurobiology, and Anatomy, College of
CS
     Medicine, University of Cincinnati, 3125 Eden Avenue, Cincinnati, OH,
     45267-0521, USA
     nancy.ratner@uc.edu
     Journal of Neuroscience, (August 6 2003) Vol. 23, No. 18, pp. 7207-7217.
S<sub>0</sub>
     print.
     ISSN: 0270-6474 (ISSN print).
     Article
DT
LA
     English
     Entered STN: 3 Sep 2003
ED
     Last Updated on STN: 3 Sep 2003
     ANSWER 12 OF 54 TOXCENTER COPYRIGHT 2004 ACS on STN
L4
     2004:19687 TOXCENTER
AN
     DART-TER-3001465
DN
     Mechanisms of developing brain disorders induced by cytomegalovirus.
TI
ΑU
     Tsutsui Y
     Second Department of Pathology, Hamamatsu University School of Medicine,
CS
     Hamamatsu, Shizuoka, Japan.
     Congenit Anom Kyoto, (2002 Sep) 42 (3) 228-30.
S0
     ISSN: 0914-3505.
DT
     Abstract; (MEETING ABSTRACT)
     DART
FS
LA
     English
     Entered STN: 20040203
ED
     Last Updated on STN: 20040203
     ANSWER 13 OF 54 USPATFULL on STN
14
ΑN
        2002:133196 USPATFULL
        Embryonic stem cells and neural progenitor cells derived therefrom
TI
       Reubinoff, Benjamin Eithan, Mevaseret-Zion, ISRAEL
ΙN
        Pera, Martin Frederick, Prahran, AUSTRALIA
       Ben-Hur, Tamir, Ramat Sharet, ISRAEL
       us 2002068045
                                 20020606
PΙ
                            Α1
       US 2001-808382
                                 20010314 (9)
AΙ
                            Α1
       AU 2000-6211
PRAI
                            20000314
       AU 2000-1279
                             20001106
       AU 2001-2920
                             20010206
DT
       Utility
       APPLICATION
FS
LN.CNT 3052
INCL
       INCLM: 424/093.700
       INCLS: 435/368.000
NCLM: 424/093.700
NCL
       NCLS:
               435/368.000
TC
        [7]
       ICM: A61K045-00
        ICS: C12N005-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L4
     ANSWER 14 OF 54 USPATFULL on STN
        2002:106321 USPATFULL
AN
        Compositions and methods for promoting tissue regeneration
ΤI
        Neuberger, Timothy J., Dobbs Ferry, NY, UNITED STATES
IN
       Herzberg, Uri, Guilford, CT, UNITED STATES
       Mallon, Veronica, New City, NY, UNITED STATES
       us 2002055530
                           Α1
                                 20020509
PΤ
                                 20010406 (9)
ΑT
       us 2001-827666
                            Α1
```

```
US 2000-195516P
                            20000406 (60)
PRAI
       Utility
DT
       APPLICATION
FS
LN.CNT 2322
       INCLM: 514/381.000
INCL
       INCLS: 514/382.000; 514/396.000; 514/397.000; 514/437.000; 514/438.000; 424/093.700; 514/618.000; 514/631.000
               514/381.000
       NCLM:
NCL
               514/382.000; 514/396.000; 514/397.000; 514/437.000; 514/438.000;
       NCLS:
               424/093.700; 514/618.000; 514/631.000
       [7]
IC
       ICM: A61K045-00
       ICS: A61K031-4178; A61K031-41; A61K031-382; A61K031-381
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 15 OF 54 USPATFULL on STN
L4
ΑN
       2002:72587 USPATFULL
       Neural progenitor cell populations
TI
       Carpenter, Melissa K., Castro Valley, CA, UNITED STATES
IN
       us 2002039724
                                 20020404
                           Α1
ΡI
       us 2001-872183
                                20010531 (9)
                           Α1
ΑI
       Division of Ser. No. WO 2001-US15861, filed on 16 May 2001, UNKNOWN
RLI
       Division of Ser. No. US 2001-859351, filed on 16 May 2001, PENDING
                            20000517 (60)
       US 2000-205600P
PRAI
                            20001222 (60)
       US 2000-257608P
DT
       Utility
       APPLICATION
FS
LN.CNT 1846
INCL
       INCLM: 435/004.000
       INCLS: 435/368.000
              435/004.000
NCL
       NCLM:
              435/368.000
       NCLS:
        [7]
TC
       ICM: C12Q001-00
        ICS: C12N005-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 16 OF 54 USPATFULL ON STN
L4
        2002:54338 USPATFULL
AN
        Porcine neural cells and their use in treatment of neurological deficits
TI
        due to neurodegenerative diseases
       Fraser, Thomas, Newton, MA, UNITED STATES
ΙN
       Dinsmore, Jonathan, Brookline, MA, UNITED STATES
PA
       Diacrin, Inc. (U.S. corporation)
       us 2002031497
                                 20020314
PΙ
                           Α1
       us 2001-843270
                                 20010426 (9)
                           Α1
ΑI
       Division of Ser. No. US 1995-424855, filed on 19 Apr 1995, GRANTED, Pat.
RLI
       No. US 6277372 Continuation-in-part of Ser. No. US 1994-336856, filed on
        8 Nov 1994, ABANDONED
DT
       Utility
        APPLICATION
FS
LN.CNT 3959
INCL
        INCLM: 424/093.700
        INCLS: 435/325.000
               424/093.700
NCL
        NCLM:
        NCLS:
               435/325.000
        [7]
TC
        ICM: A61K045-00
        ICS: C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L4
     ANSWER 17 OF 54 USPATFULL ON STN
        2002:16863 USPATFULL
ΑN
        Neural progenitor cell populations
ΤI
        Carpenter, Melissa K., Castro Valley, CA, UNITED STATES
IN
                                 20020124
        US 2002009743
PΙ
                           Α1
                                 20010516 (9)
        us 2001-859351
                           Α1
ΑI
PRAI
        US 2000-205600P
                             20000517 (60)
                             20001222 (60)
        US 2000-257608P
DT
        Utility
        APPLICATION
FS
LN.CNT 1895
        INCLM: 435/006.000
INCL
        INCLS: 424/093.210; 435/368.000
NCL
        NCLM:
               435/006.000
               424/093.210; 435/368.000
        NCLS:
```

```
IC
        ICM: A61K048-00
        ICS: C12Q001-68; C12N005-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 18 OF 54 USPATFULL ON STN 2002:16585 USPATFULL
L4
AN
        Porcine neural cells and their use in treatment of neurological deficits
ΤI
        due to neurodegenerative diseases
        Isacson, Ole, Cambridge, MA, UNITED STATES
IN
        Dinsmore, Jonathan, Brookline, MA, UNITED STATES
        Diacrin, Inc. (U.S. corporation)
PΑ
PI
        us 2002009461
                              Α1
                                    20020124
                                    20010502 (9)
        us 2001-847881
                              Α1
ΑI
        Division of Ser. No. US 1995-554779, filed on 7 Nov 1995, GRANTED, Pat.
RLI
        No. US 6258353 Continuation-in-part of Ser. No. US 1995-424851, filed on 19 Apr 1995, GRANTED, Pat. No. US 6294383 Continuation-in-part of Ser. No. US 1994-336856, filed on 8 Nov 1994, ABANDONED
DT
        Utility
        APPLICATION
FS
LN.CNT 5037
        INCLM: 424/193.100
INCL
        INCLS: 424/093.700; 435/325.000
                424/193.100
NCL
                424/093.700; 435/325.000
        NCLS:
IC
        [7]
        ICM: A61K039-385
        ICS: C12N005-06; A61K045-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L4
      ANSWER 19 OF 54 USPATFULL on STN
        2002:8042 USPATFULL
ΑN
        Methods for treating neurological deficits
TI
        Reid, James Steven, Berkeley, CA, UNITED STATES
IN
        Fallon, James H., Irvine, CA, UNITED STATES
        The Regents of the University of California, a California corporation
PA
        (U.S. corporation)
        us 2002004039
                                     20020110
PΙ
                              Α1
                                    20010731 (9)
        us 2001-920085
                              Α1
ΑI
        Continuation of Ser. No. US 1998-129028, filed on 4 Aug 1998, PENDING
RLI
        US 1997-55383P
                                19970804 (60)
PRAT
        Utility
DT
        APPLICATION
FS
LN.CNT 2578
        INCLM: 424/093.700
INCL
        INCLS: 435/368.000
NCL
        NCLM:
                424/093.700
        NCLS:
                435/368.000
IC
        [7]
        ICM: A61K045-00
        ICS: C12N005-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L4
      ANSWER 20 OF 54 USPATFULL ON STN
        2002:340140 USPATFULL
AN
        Neural transplantation using proliferated multipotent neural stem cells
TI
        and their progeny
        Weiss, Samuel, Alberta, CANADA
IN
        Reynolds, Brent, Alberta, CANADA
        Hammang, Joseph P., Barrington, RI, United States
Baetge, E. Edward, Barrington, RI, United States
PΔ
        NeuroSpheres Holdings Ltd., Calgary, CANADA (non-U.S. corporation)
                                     20021224
PΙ
        us 6497872
                               в1
        us 1995-486313
                                     19950607 (8)
ΑI
        Continuation-in-part of Ser. No. US 1994-270412, filed on 5 Jul 1994,
RLI
        now abandoned Continuation of Ser. No. US 1991-726812, filed on 8 Jul
        1991, now abandoned Continuation of Ser. No. US 486313
Continuation-in-part of Ser. No. US 1995-385404, filed on 7 Feb 1995,
now abandoned Continuation of Ser. No. US 1992-961813, filed on 16 Oct
        1992, now abandoned Continuation-in-part of Ser. No. US 726812
        Continuation-in-part of Ser. No. US 486313 Continuation-in-part of Ser.
        No. US 1994-359945, filed on 20 Dec 1994, now abandoned Continuation of
        Ser. No. US 1994-221655, filed on 1 Apr 1994, now abandoned Continuation
        of Ser. No. US 1992-967622, filed on 28 Oct 1992, now abandoned Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991,
        now abandoned Continuation-in-part of Ser. No. US 486313
```

```
Continuation-in-part of Ser. No. US 1995-376062, filed on 20 Jan 1995,
        now abandoned Continuation of Ser. No. US 1993-10829, filed on 29 Jan
        1993, now abandoned Continuation-in-part of Ser. No. US 726812
        Continuation-in-part of Ser. No. US 486313 Continuation-in-part of Ser.
        No. US 1993-149508, filed on 9 Nov 1993, now abandoned
        Continuation-in-part of Ser. No. US 726812 Continuation-in-part of Ser. No. US 486313 Continuation-in-part of Ser. No. US 1994-311099, filed on 23 Sep 1994, now abandoned Continuation-in-part of Ser. No. US 726812
        Continuation-in-part of Ser. No. US 486313 Continuation-in-part of Ser.
        No. US 1994-338730, filed on 14 Nov 1994, now abandoned
        Continuation-in-part of Ser. No. US 726812
        Utility
        GRANTED
LN.CNT
        4223
        INCLM: 424/093.100
        INCLS: 424/093.200; 424/093.210
                424/093.100
        NCLM:
                424/093.200; 424/093.210
        NCLS:
        ICM: A01N063-00
        ICS: A01N065-00; A61K048-00
        424/93.1; 424/93.2; 424/93.21; 514/44
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 21 OF 54 USPATFULL ON STN
        2002:129781 USPATFULL
        Multipotent neural stem cell cDNA libraries
        Weiss, Samuel, Calgary, CANADA
        Reynolds, Brent, Saltspring, CANADA
        Neurospheres Holdings Ltd., Calgary, CANADA (non-U.S. corporation)
                                     20020604
        us 6399369
                               B1
        us 1995-484203
                                      19950607 (8)
        Continuation-in-part of Ser. No. US 1994-270412, filed on 5 Jul 1994,
        now abandoned Continuation of Ser. No. US 1991-726812, filed on 8 Jul
        1991, now abandoned Continuation-in-part of Ser. No. US 1995-385404,
         filed on 7 Feb 1995, now abandoned Continuation of Ser. No. US
        1992-961813, filed on 16 Oct 1992, now abandoned Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, now abandoned Continuation-in-part of Ser. No. US 1994-359945, filed on 20 Dec 1994, now abandoned Continuation of Ser. No. US 1994-221655, filed on 1 Apr 1994, now abandoned Continuation of Ser. No. US 1992-967622, filed on 28
        Oct 1992, now abandoned Continuation-in-part of Ser. No. US 1991-726812,
         filed on 8 Jul 1991 Continuation-in-part of Ser. No. US 1995-376062,
         filed on 20 Jan 1995, now abandoned Continuation of Ser. No. US
        1993-10829, filed on 29 Jan 1993 Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, now abandoned Continuation-in-part of
        Ser. No. US 1993-149508, filed on 9 Nov 1993, now abandoned Continuation-in-part of Ser. No. US 726812 Continuation-in-part of Ser.
        No. US 1994-311099, filed on 23 Sep 1994, now abandoned
         Continuation-in-part of Ser. No. US 726812 Continuation-in-part of Ser.
        No. US 1994-338730, filed on 14 Nov 1994, now abandoned
        Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991,
        now abandoned
        Utility
         GRANTED
LN.CNT 3847
         INCLM: 435/320.100
         INCLS: 536/023.500; 536/023.100; 435/368.000; 435/006.000; 435/091.100;
                 935/080.000
         NCLM:
                 435/320.100
        NCLS: 435/006.000; 435/091.100; 435/368.000; 536/023.100; 536/023.500
         [7]
         ICM: C12N015-66
         ICS: C12N015-12; C12Q001-68
         536/23.1; 536/23.5; 435/320.1; 435/6; 435/91.1; 435/368; 935/80
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 22 OF 54 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
      DUPLICATE 1
      2002:410283
                     BIOSIS
      PREV200200410283
      Analysis of the temporal expression of
                                                        ***nestin***
                                                                          in human fetal
                                         ***glial***
                                                             ***progenitor***
      brain derived neuronal and
         ***cells***
      Messam, Conrad A.; Hou, Jean; Berman, Joan W.; Major, Eugene O. [Reprint
```

DT

FS

INCL

NCL

IC

**EXF** 

L4

ΑN

ΤI IN

PA

PΙ

ΑT

RLI

DT

FS

INCL

NCL

IC

**EXF** 

L4

ΑN

DN

TT

author]

```
Laboratory of Molecular Medicine and Neuroscience, NINDS, NIH, 36 Convent
CS
     Drive, Building 36, Room 5W21, Bethesda, MD, 20892, USA
     messam@codon.nih.gov; eomajor@codon.nih.gov
     Developmental Brain Research, (31 March, 2002) Vol. 134, No. 1-2, pp.
SO
     87-92. print.
     Meeting Info.: 4th Brain Research Interactive Symposium on Stem Cells in
     the Mammalian Brain. San Diego, CA, USA. November 08-10, 2001.
     CODEN: DBRRDB. ISSN: 0165-3806.
     Conference; (Meeting)
DT
     Conference; (Meeting Paper)
     English
ΙΔ
     Entered STN: 31 Jul 2002
FD
     Last Updated on STN: 31 Jul 2002
     ANSWER 23 OF 54 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L4
     2003:305320 BIOSIS
AN
     PREV200300305320
DN
     ABERRANT GROWTH AND DIFFERENTIATION OF CNS GLIAL PROGENITORS IN
TI
     NEUROFIBROMATOSIS TYPE 1 MUTANTS.
     Bennett, M. R. [Reprint Author]; Rizvi, T. A.; Karyala, S.; McKinnon, R.
     D.: Ratner, N.
     Neuroscience Graduate Program, University of Cincinnati College of
CS
     Medicine, Cincinnati, OH, USA
     Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)
SO
     Vol. 2002, pp. Abstract No. 524.10. http://sfn.scholarone.com. cd-rom.
     Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
     Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
DT
     English
LA
     Entered STN: 2 Jul 2003
ED
     Last Updated on STN: 2 Jul 2003
L4
     ANSWER 24 OF 54 USPATFULL on STN
        2001:176389 USPATFULL
ΑN
TI
        Lineage restricted glial precursors from the central nervous system
       Rao, Mahendra S., Salt Lake City, UT, United States
Noble, Mark, Brighton, NY, United States
Mayer-Proschel, Margot, Pittsford, NY, United States
IN
        us 2001029045
                            Ā1
                                  20011011
PΙ
                                  20010316 (9)
        us 2001-736728
                            Α1
ΑI
        Continuation of Ser. No. US 1997-980850, filed on 29 Nov 1997, GRANTED,
RLI
        Pat. No. US 6235527
DT
        Utility
        APPLICATION
FS
LN.CNT 1440
        INCLM: 435/325.000
INCL
        INCLS: 424/093.700
               435/325.000
NCL
        NCLM:
        NCLS: 424/093.700
        [7]
IC
        ICM: C12N005-08
        ICS: C12N005-06
14
     ANSWER 25 OF 54 USPATFULL on STN
        2001:109775 USPATFULL
AN
                                                       ***alial***
        Compositions and methods for manipulating
TI
          ***progenitor***
                                 ***cells***
                                                 and treating neurological deficits
        Reid, James Steven, Berkeley, CA, United States
ΙN
        Fallon, James H., Irvine, CA, United States
PΙ
        us 2001007657
                             A1
                                  20010712
        us 2000-739933
                             Α1
                                  20001218 (9)
ΑI
        Continuation-in-part of Ser. No. US 1998-129028, filed on 4 Aug 1998,
RLI
        PENDING
        US 1997-55383P
PRAI
                              19970804 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 3303
        INCLM: 424/093.700
INCL
NCL
        NCLM: 424/093.700
        [7]
IC
        ICM: A01N063-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

ANSWER 26 OF 54 USPATFULL ON STN

L4

```
2001:163053 USPATFULL
AN
        Porcine neural cells and their use in treatment of neurological deficits
ΤI
        due to neurodegenerative diseases
        Isacson, Ole, Cambridge, MA, United States
TN
        Dinsmore, Jonathan, Brookline, MA, United States
The McLean Hospital Corporation, Belmont, MA, United States (U.S.
PA
        corporation)
        Diacrin, Inc., Charlestown, MA, United States (U.S. corporation)
US 6294383 B1 20010925
PΙ
        us 1995-424851
                                      19950419 (8)
ΑI
        Continuation-in-part of Ser. No. US 1994-336856, filed on 8 Nov 1994,
RLI
        now abandoned
        Utility
DT
        GRANTED
FS
LN.CNT 4123
INCL
        INCLM: 435/379.000
        INCLS: 435/325.000
        NCLM: 435/379.000
NCL
        NCLS: 435/325.000
        [7]
IC
        ICM: C12N005-00
        ICS: C12N005-02
        435/240.1; 435/240.2; 435/325; 435/379
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 27 OF 54 USPATFULL on STN
L4
        2001:163016 USPATFULL
ΑN
        Use of multipotent neural stem cells and their progeny for the screening
TI
        of drugs and other biological agents
        Weiss, Samuel, Calgary, Canada
ΙN
        Reynolds, Brent, Calgary, Canada
        Hammang, Joseph P., Barrington, RI, United States
        Baetge, E. Edward, Barrington, RI, United States
PA
        Neurospheres Holdings, Ltd., Alberta, Canada (non-U.S. corporation)
        US 6294346
                                      20010925
PΙ
                                B1
        US 1995-484406 19950607 (8)
Continuation-in-part of Ser. No. US 1995-385404, filed on 7 Feb 1995,
AΙ
RLI
        now abandoned , said Ser. No. US 484406 And Ser. No. US 1995-376062, filed on 20 Jan 1995, now abandoned , said Ser. No. US 484406 And Ser. No. US 1994-359945, filed on 20 Dec 1994, now abandoned , said Ser. No.
        US 484406 And Ser. No. US 1994-338730, filed on 14 Nov 1994, now
                      said Ser. No. US 484406 And Ser. No. US 1994-311099, filed
        on 23 Sep 1994, now abandoned , said Ser. No. US 484406 And Ser. No. US
        1994-270412, filed on 5 Jul 1994, now abandoned , said Ser. No. US 484406 And Ser. No. US 1993-149508, filed on 9 Nov 1993, now abandoned Continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, now abandoned Continuation of Ser. No. US 1992-961813, filed on 16 Oct
        1992, now abandoned Continuation-in-part of Ser. No. US 726812
        Continuation of Ser. No. US 1993-10829, filed on 29 Jan 1993, now
        abandoned Continuation-in-part of Ser. No. US 726812 Continuation of
        Ser. No. US 1994-221655, filed on 1 Apr 1994, now abandoned Continuation
        of Ser. No. US 1992-967622, filed on 28 Oct 1992, now abandoned
        Continuation-in-part of Ser. No. US 726812 , said Ser. No. US 338730
        Continuation-in-part of Ser. No. US 726812 , said Ser. No. US 311099 Continuation-in-part of Ser. No. US 726812 , said Ser. No. US 270412
        Continuation-in-part of Ser. No. US 726812
DT
        Utility
        GRANTED
FS
LN.CNT 4153
        INCLM: 435/007.210
INCL
        INCLS: 435/368.000; 435/377.000; 435/375.000
NCL
        NCLM: 435/007.210
                435/368.000; 435/375.000; 435/377.000
        NCLS:
IC
        [7]
        ICM: G01N033-554
        ICS: C12N005-00
EXF 435/7.21; 435/368; 435/378; 435/377; 435/375 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L4
      ANSWER 28 OF 54 USPATFULL on STN
        2001:136181 USPATFULL
ΑN
        Porcine neural cells and their use in treatment of neurological deficits
TI
        due to neurodegenerative diseases
        Fraser, Thomas, Newton, MA, United States
ΙN
        Dinsmore, Jonathan, Brookline, MA, United States
        Diacrin, Inc., Charlestown, MA, United States (U.S. corporation)
PA
```

```
US 6277372
PΙ
                                 20010821
ΑI
       US 1995-424855
                                  19950419 (8)
       Continuation-in-part of Ser. No. US 1994-336856, filed on 8 Nov 1994,
RLI
       now abandoned
DΤ
       Utility
FS
       GRANTED
LN.CNT 4112
       INCLM: 424/093.700
INCL
       INCLS: 424/093.100; 435/325.000
               424/093.700
NCL
       NCLM:
               424/093.100; 435/325.000
       NCLS:
       [7]
IC
       ICM: A01N063-00
       ICS: C12N005-02; C12N005-06
       435/325; 424/93.1; 424/93.7
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 29 OF 54 USPATFULL on STN
L4
       2001:107439 USPATFULL
AN
       Porcine neural cells and their use in treatment of neurological deficits
TI
       due to neurodegenerative diseases
       Isacson, Ole, Cambridge, MA, United States
IN
       Dinsmore, Jonathan, Brookline, MA, United States
       Diacrin, Inc., Charlestown, MA, United States (U.S. corporation)
PA
                                 20010710
PΙ
       us 6258353
                            в1
       us 1995-554779
                                 19951107 (8)
ΑI
       Continuation-in-part of Ser. No. US 1995-424851, filed on 19 Apr 1995 Continuation-in-part of Ser. No. US 1994-336856, filed on 8 Nov 1994,
RLI
       now abandoned
DT
       Utility
FS
       GRANTED
       5157
LN.CNT
       INCLM: 424/093.100
INCL
       INCLS: 424/093.700; 424/130.100; 424/143.100; 424/809.000; 435/325.000;
               435/368.000
               424/093.100
NCL
       NCLM:
               424/093.700; 424/130.100; 424/143.100; 424/809.000; 435/325.000;
       NCLS:
               435/368.000
        [7]
IC
       ICM: A01N003-00
       ICS: C12N015-85; C12N015-86; A61K039-395
       424/93.7; 424/93.1; 424/130.1; 424/143.1; 424/809; 435/325; 435/368
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L4
     ANSWER 30 OF 54 USPATFULL on STN
       2001:75180 USPATFULL
AN
TI
       Lineage restricted glial precursors from the central nervous system
       Rao, Mahendra S., Salt Lake City, UT, United States
IN
       Noble, Mark, Sandy, UT, United States
Mayer-Proschel, Margot, Sandy, UT, United States
PΑ
       University of Utah Research Foundation, Salt Lake City, UT, United
       States (U.S. corporation)
PΙ
       us 6235527
                            в1
                                 20010522
       US 1997-980850
ΑI
                                 19971129 (8)
       Utility
DT
       Granted
FS
LN.CNT 1297
INCL
       INCLM: 435/325.000
       INCLS: 435/368.000; 435/395.000; 435/402.000; 435/378.000
               435/325.000
NCL
       NCLM:
       NCLS:
               435/368.000; 435/378.000; 435/395.000; 435/402.000
IC
       [7]
       ICM: C12N005-06
       ICS: C12N005-08
EXF
       435/325; 435/368; 435/378; 435/395; 435/402; 424/93.21
L4
     ANSWER 31 OF 54 USPATFULL ON STN 2001:40268 USPATFULL
ΑN
       Porcine cortical cells and their use in treatment of neurological
TI
       deficits due to neurodegenerative diseases
ΙN
       Dinsmore, Jonathan, Brookline, MA, United States
       Diacrin, Inc., Charlestown, MA, United States (U.S. corporation)
PA
PΙ
       us 6204053
                                 20010320
                            в1
ΑI
       us 1995-424856
                                 19950419 (8)
       Continuation-in-part of Ser. No. US 1994-336856, filed on 8 Nov 1994,
RLI
       now abandoned
```

```
DT
       Utility
       Granted
FS
LN.CNT
       3891
       INCLM: 435/325.000
INCL
       INCLS: 424/093.700; 435/374.000
       NCLM: 435/325.000
NCL
       NCLS: 424/093.700; 435/374.000
       [7]
IC
       ICM: C12N005-00
       435/240.2; 435/325; 435/374; 424/93.7
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 32 OF 54 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L4
     DUPLICATE 2
     2001:409665 BIOSIS
AN
     PREV200100409665
DN
     PDGF autocrine stimulation dedifferentiates cultured astrocytes and
TI
     induces oligodendrogliomas and oligoastrocytomas from neural progenitors
     and astrocytes in vivo.
     Dai, Chengkai; Celestino, Joseph C.; Okada, Yoshifumi; Louis, David N.;
     Fuller, Greory N.; Holland, Eric C. [Reprint author]
     Departments of Neurosurgery, and Neurology, and Cell Biology, Memorial
CS
     Sloan-Kettering Cancer Center, New York, NY, 10021, USA
     hollande@mskcc.org
     Genes and Development, (August 1, 2001) Vol. 15, No. 15, pp. 1913-1925.
50
     print.
     CODEN: GEDEEP. ISSN: 0890-9369.
     Article
DT
     English
LA
ED
     Entered STN: 29 Aug 2001
     Last Updated on STN: 22 Feb 2002
     ANSWER 33 OF 54 CANCERLIT on STN
14
                                                            DUPLICATE 3
                     CANCERLIT
     2002045732
AN
     21191199
                 PubMed ID: 11296486
DN
     Characterization of initiated cells in N-methylnitrosourea-induced carcinogenesis of the CNS in the adult rat.
     Kokkinakis D M; Watson M L; Honig L S; Rushing E J; Mickey B E; Schold S C
AU
     University of Texas, Department of Neurological Surgery, Dallas, TX 75390,
CS
     USA.
     CA 78457 (NCI)
CA 78561 (NCI)
NC
S<sub>0</sub>
     NEURO-ONCOLOGY, (2001 Apr) 3 (2) 99-112.
     Journal code: 100887420. ISSN: 1522-8517.
CY
     United States
     Journal; Article; (JOURNAL ARTICLE)
DT
     English
LA
FS
     MEDLINE; Priority Journals
     MEDLINE 2001447767
05
EΜ
     200108
ED
     Entered STN: 20020726
     Last Updated on STN: 20020726
      ANSWER 34 OF 54 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
      DUPLICATE
      2001:32656752
AΝ
                       BIOTECHNO
      Activation of murine cytomegalovirus immediate-early promoter in cerebral
TT
                              ***qlial***
                                                ***progenitor***
                                                                      ***cells***
      ventricular zone and
      in transgenic mice
ΑU
      Li R.-Y.; Baba S.; Kosugi I.; Arai Y.; Kawasaki H.; Shinmura Y.;
      Sakakibara S.-I.; Okano H.; Tsutsui Y.
CS
      Y. Tsutsui, Second Department of Pathology, Hamamatsu Univ. School of
      Medicine, 1-20-1 Handayama, Hamamatsu 431-3192, Japan.
      E-mail: ytsutsui@hama-med.acjp
      GLIA, (2001), 35/1 (41-52), 54 reference(s)
CODEN: GLIAEJ ISSN: 0894-1491
SO
DT
      Journal: Article
CY
      United States
LA
      English
      English
SL
L4
     ANSWER 35 OF 54 USPATFULL on STN
ΑN
       2000:146162 USPATFULL
TI
       Isolated and modified porcine cerebral cortical cells
IN
       Dinsmore, Jonathan, Brookline, MA, United States
```

```
Diacrin, Inc., Charlestown, MA, United States (U.S. corporation)
PA
                                     20001031
PΙ
        us 6140116
        us 1995-551820
                                     19951107 (8)
ΑI
RLI
        Continuation-in-part of Ser. No. US 1995-424856, filed on 19 Apr 1995
        which is a continuation-in-part of Ser. No. US 1995-336856, filed on 8
        Nov 1995, now abandoned
DT
        Utility
        Granted
FS
LN.CNT 5001
        INCLM: 435/325.000
INCL
        INCLS: 435/374.000; 424/093.700
                435/325.000
NCL
        NCLS: 424/093.700; 435/374.000
        [7]
IC
        ICM: C12N005-00
EXF
        435/325; 435/374; 435/93.7
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 36 OF 54 USPATFULL ON STN
L4
        2000:70818 USPATFULL
ΑN
        In vivo genetic modification of growth factor-responsive neural
TT
        precursor cells
IN
        Weiss, Samuel, Alberta, Canada
        Reynolds, Brent, Alberta, Canada
        Hammang, Joseph P., Barrington, RI, United States
Baetge, E. Edward, Barrington, RI, United States
        NeuroSpheres Holdings Ltd., Calgary, Canada (non-U.S. corporation)
US 6071889 20000606
PA
ΡI
        us 1995-479795
                                     19950607 (8)
ΑI
        Continuation-in-part of Ser. No. US 1994-270412, filed on 5 Jul 1994,
RLI
        now abandoned And a continuation-in-part of Ser. No. US 1995-385404,
        filed on 7 Feb 1995, now abandoned And a continuation-in-part of Ser.
        No. US 1994-359945, filed on 20 Dec 1994, now abandoned And a continuation-in-part of Ser. No. US 1995-376062, filed on 20 Jan 1995, now abandoned And a continuation-in-part of Ser. No. US 1993-149508,
        filed on 9 Nov 1993, now abandoned And a continuation-in-part of Ser. No. US 1994-311099, filed on 23 Sep 1994, now abandoned And a continuation-in-part of Ser. No. US 1994-338730, filed on 14 Nov 1994,
        now abandoned which is a continuation of Ser. No. US 1991-726812, filed
        on 8 Jul 1991, now abandoned , said Ser. No. US 1994-270412, filed on 5 Jul 1994, now abandoned which is a continuation of Ser. No. US
        1991-726812, filed on 8 Jul 1991, now abandoned , said Ser. No. US
        1995-385404, filed on 7 Feb 1995, now abandoned which is a continuation
        of Ser. No. US 1992-961813, filed on 16 Oct 1992, now abandoned which is
        a continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991,
        now abandoned , said Ser. No. US 1994-359945, filed on 20 Dec 1994, now abandoned which is a continuation of Ser. No. US 1994-221655, filed on 1
        Apr 1994, now abandoned which is a continuation of Ser. No. US
        1992-967622, filed on 28 Oct 1992, now abandoned which is a
        continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991,
        now abandoned , said Ser. No. US 1995-376062, filed on 20 Jan 1995, now
        abandoned which is a continuation of Ser. No. US 1993-10829, filed on 29
        Jan 1993, now abandoned which is a continuation-in-part of Ser. No. US
        1991-726812, filed on 8 Jul 1991, now abandoned , said Ser. No. US
        1993-149508, filed on 9 Nov 1993, now abandoned which is a
        continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, now abandoned , said Ser. No. US 1994-311099, filed on 23 Sep 1994, now
        abandoned which is a continuation-in-part of Ser. No. US 1991-726812,
        filed on 8 Jul 1991, now abandoned
DT
        Utility
        Granted
FS
LN.CNT 4261
INCL
        INCLM: 514/044.000
        INCLS: 424/093.100; 424/093.200; 424/093.210; 435/440.000; 435/455.000
NCL
        NCLM: 514/044.000
        NCLS:
                424/093.100; 424/093.200; 424/093.210; 435/440.000; 435/455.000
IC
         [7]
        ICM: A61K035-00
         ICS: A61K048-00
        514/44; 514/2; 536/23.1; 424/93.1; 424/93.2; 424/93.21; 435/455; 435/440
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L4
      ANSWER 37 OF 54 USPATFULL on STN
AN
        2000:27802 USPATFULL
        Methods for differentiating neural stem cells to glial cells using
ΤI
```

neuregulins

```
Anderson, David J., Altadena, CA, United States
IN
PA
        California Institute of Technology, Pasadena, CA, United States (U.S.
        corporation)
        us 6033906
PΙ
                                     20000307
        US 1995-372329 19950506 (8)
Continuation-in-part of Ser. No. US 1994-188285, filed on 28 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. WO
ΑI
RLI
        1993-US7000, filed on 26 Jul 1993
DT
        Utility
        Granted
FS
LN.CNT 2116
        INCLM: 435/325.000
INCL
        INCLS: 435/353.000; 435/368.000
                435/325.000
        NCLM:
NCL
        NCLS: 435/353.000; 435/368.000
IC
         [7]
        ICM: C12N005-00
        435/240.2; 435/325; 435/368; 435/353
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
14
      ANSWER 38 OF 54 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ΑN
      2000:453279 BIOSIS
      PREV200000453279
DN
      Novel cell lines with stem cell phenotypes derived from glial tumors
TI
      induced by N-methylnitrosourea in the adult rat.
      Watson, M.; Kokkinakis, D.; Zhang, D.; Rushing, E.; Mickey, B. Brain Pathology, (September, 2000) Vol. 10, No. 4, pp. 577. print.
ΑU
S0
      Meeting Info.: XIVth International Congress of Neuropathology. Birmingham,
      England. September 03-06, 2000.
      ISSN: 1015-6305.
DT
      Conference; (Meeting)
      Conference; Abstract; (Meeting Abstract)
      Conference; (Meeting Poster)
LA
      English
      Entered STN: 25 Oct 2000
FD
      Last Updated on STN: 10 Jan 2002
L4
      ANSWER 39 OF 54 USPATFULL on STN
        1999:141292 USPATFULL
ΑN
        Growth factor-induced proliferation of neural precursor cells in vivo
TT
        Weiss, Samuel, Alberta, Canada
IN
        Reynolds, Brent, Alberta, Canada
PA
        NeuroSpheres Holdings Ltd., Calgary, Canada (non-U.S. corporation)
                                      19991109
ΡI
        us 5980885
        us 1995-486307
                                      19950607 (8)
ΑI
        Continuation-in-part of Ser. No. US 1994-270412, filed on 5 Jul 1994, now abandoned Ser. No. Ser. No. US 1995-385404, filed on 7 Feb 1995, now abandoned Ser. No. Ser. No. US 1994-359945, filed on 20 Dec 1994, now abandoned Ser. No. Ser. No. US 1995-376062, filed on 20 Jan 1995, now abandoned Ser. No. Ser. No. US 1993-149508, filed on 9 Nov 1993, now
RLI
        abandoned Ser. No. Ser. No. US 1994-311099, filed on 23 Sep 1994, now
        abandoned And Ser. No. US 1994-338730, filed on 14 Nov 1994, now
        abandoned which is a continuation-in-part of Ser. No. US 1991-726812,
        filed on 8 Jul 1991, now abandoned , said Ser. No. US 270412 which is a
        continuation of Ser. No. US 726812 , said Ser. No. US 385404 which is a
        continuation of Ser. No. US 1992-961813, filed on 16 Oct 1992, now
        abandoned which is a continuation-in-part of Ser. No. US 726812 , said Ser. No. US 359945 which is a continuation of Ser. No. US 1994-221655,
        filed on 1 Apr 1994, now abandoned which is a continuation of Ser. No.
        US 1992-967622, filed on 28 Oct 1992, now abandoned which is a continuation-in-part of Ser. No. US 726812, said Ser. No. US 376062
        which is a continuation of Ser. No. US 1993-10829, filed on 29 Jan 1993,
        now abandoned which is a continuation-in-part of Ser. No. US 726812
        said Ser. No. US 149508 which is a continuation-in-part of Ser. No. US
        726812
                  said Ser. No. US 311099 which is a continuation-in-part of Ser.
        No. US 726812
DT
        Utility
FS
        Granted
LN.CNT 4215
INCL
        INCLM: 424/093.210
        INCLS: 424/093.100; 424/093.200; 435/325.000; 435/360.000; 435/366.000;
                 435/368.000; 435/377.000; 435/383.000; 435/384.000; 435/440.000;
                 435/455.000; 435/456.000; 435/457.000; 514/002.000; 514/044.000
NCL
        NCLM:
                 424/093.210
                 424/093.100; 424/093.200; 435/325.000; 435/360.000; 435/366.000;
        NCLS:
                 435/368.000; 435/377.000; 435/383.000; 435/384.000; 435/440.000;
```

```
435/455.000; 435/456.000; 435/457.000; 514/002.000; 514/044.000
IC
        [6]
        ICM: A01N063-00
       ICS: A01N043-04; C12N005-00; C12N005-08
435/240.2; 435/325; 435/360; 435/366; 435/368; 435/377; 435/383;
435/455; 435/456; 435/457; 514/2; 514/44; 424/93.1; 424/93.2; 424/93.21
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
14
     ANSWER 40 OF 54 USPATFULL ON STN
        1999:85298 USPATFULL
ΑN
       Mammalian multipotent neural stem cells
TI
       Anderson, David J., Altadena, CA, United States
ΙN
       Stemple, Derek L., Newton, MA, United States
PA
       California Institute of Technology, Pasadena, CA, United States (U.S.
       corporation)
       us 5928947
                                  19990727
PΙ
       us 1995-483142
                                  19950607 (8)
ΑI
       Division of Ser. No. US 1994-188286, filed on 28 Jan 1994, now patented,
RLI
       Pat. No. US 5654183 And a continuation-in-part of Ser. No. WO
        1993-US7000, filed on 26 Jul 1993 which is a continuation-in-part of
       Ser. No. US 1992-969088, filed on 29 Oct 1992, now abandoned which is a
       continuation-in-part of Ser. No. US 1992-920617, filed on 27 Jul 1992,
       now abandoned
       Utility
DT
FS
        Granted
LN.CNT
       2114
INCL
       INCLM: 435/455.000
       INCLS: 435/069.100; 435/325.000; 435/440.000; 424/093.700
NCL
              435/455.000
       NCLS:
               424/093.700; 435/069.100; 435/325.000; 435/440.000
IC
        [6]
       ICM: C12N015-00
       ICS: C12N015-85; A16K035-30
EXF
       435/69.1; 435/320.1; 435/240.2; 435/325; 400/2; 424/93.7
     ANSWER 41 OF 54 USPATFULL ON STN
L4
       1999:16108 USPATFULL
ΑN
       Transgenic mice expressing TSSV40 large T antigen
TT
IN
       Jat, Parmjit Singh, London, England
       Kioussis, Dimitris, London, England
       Noble, Mark David, Berkhamstead, England
PA
       Ludwig Institute For Cancer Research, New York, NY, United States (U.S.
       corporation)
       us 5866759
PI
                                  19990202
       US 1997-887095
                                  19970702 (8)
ΑI
       Division of Ser. No. US 1993-17320, filed on 11 Feb 1993, now patented,
RLI
       Pat. No. US 5688692 which is a continuation of Ser. No. US 1991-657809,
       filed on 20 Feb 1991, now abandoned
DT
       Utility
       Granted
FS
LN.CNT 1955
INCL
       INCLM: 800/002.000
       INCLS: 435/354.000; 935/059.000
NCL
       NCLM:
               800/018.000
       NCLS: 435/354.000
IC
       [6]
       ICM: C12N005-00
       ICS: C12N015-00
       800/2; 800/DIG.1; 435/354
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 42 OF 54 USPATFULL on STN
14
AN
       1998:159764 USPATFULL
TI
       In vitro growth and proliferation of multipotent neural stem cells and
       their progeny
ΙN
              Samuel, Alberta, Canada
       Reynolds, Brent, Alberta, Canada
       Hammang, Joseph P., Barrington, RI, United States
       Baetge, E. Edward, Barrington, RI, United States
PA
       Neurospheres, Ltd., Canada (non-U.S. corporation)
PΙ
       us 5851832
                                 19981222
ΑI
       US 1995-486648
                                 19950607 (8)
       Continuation-in-part of Ser. No. US 1994-270412, filed on 5 Jul 1994
RLI
       now abandoned which is a continuation of Ser. No. US 1991-726812, filed
       on 8 Jul 1991, now abandoned And a continuation-in-part of Ser. No. US 1995-385404, filed on 7 Feb 1995, now abandoned which is a continuation
```

```
of Ser. No. US 1992-961813, filed on 16 Oct 1992, now abandoned which is
        a continuation-in-part of Ser. No. US 726812 And Ser. No. US
        1994-359945, filed on 20 Dec 1994, now abandoned which is a continuation
        of Ser. No. US 1994-221655, filed on 1 Apr 1994, now abandoned which is a continuation of Ser. No. US 1992-967622, filed on 28 Oct 1992, now
        abandoned which is a continuation-in-part of Ser. No. US 1991-726812
        filed on 8 Jul 1991, now abandoned And Ser. No. US 1995-376062, filed on
        20 Jan 1995, now abandoned which is a continuation of Ser. No. US 1993-10829, filed on 29 Jan 1993, now abandoned which is a
        continuation-in-part of Ser. No. US 726812 And Ser. No. US 1993-149508,
        filed on 9 Nov 1993, now abandoned which is a continuation-in-part of
        Ser. No. US 726812 And Ser. No. US 1994-311099, filed on 23 Sep 1994.
        now abandoned which is a continuation-in-part of Ser. No. US 726812 And
        Ser. No. US 1994-338730, filed on 14 Nov 1994, now abandoned which is a
        continuation-in-part of Ser. No. US 726812
        Utility
        Granted
LN.CNT 4487
        INCLM: 435/368.000
        INCLS: 435/325.000; 435/366.000; 435/383.000; 435/384.000
               435/368.000
        NCLS:
               435/325.000; 435/366.000; 435/377.000; 435/383.000; 435/384.000
        ICM: C12N005-06
        ICS: C12N005-08; C12N005-02
        435/240.2; 435/325; 435/366; 435/368; 435/377; 435/383; 435/384
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 43 OF 54 USPATFULL on STN
        1998:157163
                      USPATFULL
        Mammalian multipotent neural stem cells
        Anderson, David J., Altadena, CA, United States
        Stemple, Derek L., Newton, MA, United States
        California Institute of Technology, Pasadena, CA, United States (U.S.
        corporation)
        us 5849553
                                   19981215
        US 1995-485612 19950607 (8)
Continuation-in-part of Ser. No. US 1994-188286, filed on 28 Jan 1994, now patented, Pat. No. US 5654183 which is a continuation-in-part of
        Ser. No. US 1992-969088, filed on 29 Oct 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-920617, filed on 27 Jul 1992,
        now abandoned
        Utility
        Granted
LN.CNT 3072
        INCLM: 435/172.300
        INCLS: 435/069.100; 435/320.100; 435/325.000; 435/353.000
                435/467.000
        NCLM:
                435/069.100; 435/320.100; 435/325.000; 435/353.000; 435/368.000; 435/455.000; 435/462.000
        NCLS:
        [6]
        ICM: C12N015-85
        ICS: C12N015-09
        435/69.1; 435/172.3; 435/320.1; 435/325; 435/353
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 44 OF 54 USPATFULL on STN
        1998:128083 USPATFULL
        In vitro method for obtaining an isolated population of mammalian neural
        crest stem cells
        Anderson, David J., Altadena, CA, United States
        Stemple, Derek L., Pasadena, CA, United States
        California Institute of Technology, Pasadena, CA, United States (U.S.
        corporation)
        us 5824489
                                   19981020
                                   19940815 (8)
        US 1994-290229
        Continuation of Ser. No. US 1992-969088, filed on 29 Oct 1992, now
        abandoned which is a continuation-in-part of Ser. No. US 1992-920617,
        filed on 27 Jul 1992, now abandoned
        Utility
        Granted
LN.CNT
       1689
        INCLM: 435/007.210
        INCLS: 435/325.000; 435/375.000; 435/377.000; 435/378.000; 435/395.000;
                435/402.000
```

DT

FS

INCL

NCL

IC

**EXF** 

L4

ΑN TI

IN

PA

PΙ

ΑI RLI

DT

FS

**INCL** 

NCL

IC

**EXF** 

L4 AN

TI

IN

PA

PΙ

ΑI

DT

FS

INCL

NCL

NCLM: 435/007.210

RLI

```
435/325.000; 435/375.000; 435/377.000; 435/378.000; 435/395.000;
        NCLS:
                 435/402.000
IC
         [6]
         ICM: C12N005-00
        435/240.2; 435/240.21; 435/240.23; 435/29; 435/7.21; 435/325; 435/375; 435/377; 435/378; 435/395; 435/402; 435/240.243; 935/89
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 45 OF 54 USPATFULL ON STN
L4
         1998:51459 USPATFULL
AN
         In vitro growth and proliferation of genetically modified multipotent
ΤI
         neural stem cells and their progeny
IN
        Weiss, Samuel, Alberta, Canada
         Reynolds, Brent, Alberta, Canada
        Hammang, Joseph P., Barrington, RI, United States
Baetge, E. Edward, Barrington, RI, United States
        NeuroSpheres Holdings Ltd., Calgary, Canada (non-U.S. corporation)
US 5750376 19980512
PA
PΙ
         US 1995-483122
ΑI
                                       19950607 (8)
        Continuation-in-part of Ser. No. US 1994-270412, filed on 5 Jul 1994, now abandoned Ser. No. Ser. No. US 1995-385404, filed on 7 Feb 1995, now
RLI
         abandoned Ser. No. Ser. No. US 1994-359945, filed on 20 Dec 1994, now
         abandoned Ser. No. Ser. No. US 1995-376062, filed on 20 Jan 1995, now
        abandoned Ser. No. Ser. No. US 1993-149508, filed on 9 Nov 1993, now
         abandoned Ser. No. Ser. No. US 1994-311099, filed on 23 Sep 1994, now
         abandoned And Ser. No. US 1994-338730, filed on 14 Nov 1994, now
        abandoned which is a continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, now abandoned , said Ser. No. US 1995-385404, filed on 7 Feb 1995, now abandoned which is a continuation of Ser. No. US 1992-961813, filed on 16 Oct 1992, now abandoned which is a
         continuation-in-part of Ser. No. ÚS 1991-726812, filed on 8 Jul 1991,
        now abandoned , said Ser. No. US 1994-359345, filed on 20 Dec 1994, now
         abandoned which is a continuation of Ser. No. US 1994-221655, filed on 1
         Apr 1994, now abandoned which is a continuation of Ser. No. US
         1992-967622, filed on 28 Oct 1992, now abandoned which is a
         continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991,
        now abandoned , said Ser. No. US 1995-376062, filed on 20 Jan 1995, now abandoned which is a continuation of Ser. No. US 1993-10829, filed on 29
        Jan 1993, now abandoned which is a continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, now abandoned , said Ser. No. US 1994-270412, filed on 5 Jul 1994, now abandoned Ser. No. Ser. No. US
         1993-149508, filed on 9 Nov 1993, now abandoned And Ser. No. US
         1994-311099, filed on 23 Sep 1994, now abandoned, each Ser. No. US
        which is a continuation-in-part of Ser. No. US 1991-726812, filed on 8
         Jul 1991, now abandoned
        Utility
DT
         Granted
FS
LN.CNT 4339
INCL
         INCLM: 435/069.520
                 435/069.100; 435/172.300; 435/325.000; 435/368.000; 435/377.000; 435/384.000; 435/392.000; 435/395.000
         INCLS:
                 435/069.520
NCL
        NCLM:
        NCLS:
                 435/069.100; 435/325.000; 435/368.000; 435/377.000; 435/384.000;
                 435/392.000; 435/395.000; 435/455.000; 435/456.000; 435/458.000;
                 435/461.000
         [6]
IC
         ICM: C12N005-00
         ICS: C12N005-08; C12N005-10; C12P001-00
        435/240.2; 435/172.3; 435/69.1; 435/69.52; 435/325; 435/368; 435/377; 435/384; 435/392; 435/395
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 46 OF 54 LIFESCI
L4
                                         COPYRIGHT 2004 CSA on STN
ΑN
      1998:63345 LIFESCI
      Expression and regulation of kainate and AMPA receptors in the rat neural
TI
      tube
ΑU
      Scherer, S.E.; Gallo, V.*
      Lab. Cell. and Mol. Neurophysiology, Natl. Inst. Child Health and Hum.
      Dev., Natl. Institutes Health, Bldg. 49, Rm. 5A-78, 49 Convent Dr.,
      Bethesda, MD 20892-4495, USA
S0
      J. NEUROSCI. RES., (19980500) vol. 52, no. 3, pp. 356-368.
      ISSN: 0360-4012.
      Journal
DT
FS
      N3
LA
      English
      English
SL
```

```
L4
     ANSWER 47 OF 54 USPATFULL ON STN
       97:112318 USPATFULL
ΑN
TT
       Neural chest stem cell assay
IN
       Anderson, David J., Altadena, CA, United States
       Stemple, Derek L., Newton, MA, United States
PA
       California Institute of Technology, Pasadena, CA, United States (U.S.
       corporation)
       us 5693482
PT
                                19971202
       us 1995-474506
                                19950607 (8)
ΑI
       Division of Ser. No. US 1994-188286, filed on 28 Jan 1994 which is a
RLI
       continuation-in-part of Ser. No. US 1992-969088, filed on 29 Oct 1992,
       now abandoned which is a continuation-in-part of Ser. No. US
       1992-920617, filed on 27 Jul 1992, now abandoned
DT
       Utility
       Granted
FS
LN.CNT 2114
       INCLM: 435/029.000
INCL
       INCLS: 435/240.200
NCL
       NCLM: 435/029.000
IC
       T61
       ICM: C12Q001-02
       ICS: C12N015-85
       435/29; 435/240.2; 435/172.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L4
     ANSWER 48 OF 54 USPATFULL ON STN
       97:106979 USPATFULL
ΑN
       Transgenic mouse cells expressing ts SV40 large T
TI
       Jat, Parmjit Singh, London, England
TN
       Kioussis, Dimitris, London, England
       Noble, Mark David, Berkhamstead, England
       Ludwig Institute for Cancer Research, New York, NY, United States (U.S.
PA
       corporation)
PΙ
       US 5688692
                                19971118
       US 1993-17320
ΑI
                                19930211 (8)
RLI
       Continuation of Ser. No. US 1991-657809, filed on 20 Feb 1991, now
       abandoned
PRAI
       GB 1990-3791
                            19900220
DT
       Utility
FS
       Granted
LN.CNT 1984
INCL
       INCLM: 435/354.000
       INCLS: 435/325.000; 435/377.000; 435/069.100; 800/002.000
NCL
              435/354.000
       NCLM:
       NCLS: 435/069.100; 435/325.000; 435/377.000
IC
       [6]
       ICM: C12N005-00
       ICS: C12N015-00; C12P021-06
       800/2; 435/240.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L4
     ANSWER 49 OF 54 USPATFULL ON STN
ΑN
       97:88884 USPATFULL
TT
       Immoralized neural crest stem cells and methods of making
ΙN
       Anderson, David J., Altadena, CA, United States
       Stemple, Derek L., Newton, MA, United States
       California Institute of Technology, Pasadena, CA, United States (U.S.
PA
       corporation)
PΙ
       us 5672499
                                19970930
ΑI
       US 1995-478920
                                19950607 (8)
       Division of Ser. No. US 1994-188286, filed on 28 Jan 1994 which is a
RLI
       continuation-in-part of Ser. No. US 1992-969088, filed on 29 Oct 1992,
       now abandoned which is a continuation-in-part of Ser. No. US
       1992-920617, filed on 27 Jul 1992, now abandoned
DT
       Utility
FS
       Granted
       2112
LN.CNT
       INCLM: 435/240.400
INCL
       INCLS: 435/069.100; 435/172.300; 435/320.100
NCL
       NCLM:
              435/353.000
              435/069.100; 435/320.100; 435/325.000; 435/368.000; 435/467.000
       NCLS:
IC
       [6]
       ICM: C12Q001-02
       ICS: C12N015-85
EXF
       435/69.1; 435/172.3; 435/320.1; 435/240.2
```

Mammalian multi-potent neural stem cells - are capable of self renewal and

differentiation to neuronal and glial progenitor(s), and their

TI

```
immortalised forms, useful in transplantation or gene therapy of nervous
     system diseases.
DC
     B04 D16 P14 S03
IN
     ANDERSON, D J; STEMPLE, D L; ANDERSON, D; STEMPLE, D
     (CALY) CALIFORNIA INST OF TECHNOLOGY; (CALY) CALIFORNIA INST OF TECHN
PA
     22
CYC
                     A1 19940203 (199406)*
                                                   90p
     wo 9402593
                                                           C12N005-06
PΙ
         RW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
          W: AU CA JP NZ US
     AU 9348375
                     A 19940214 (199425)
                                                           C12N005-06
     EP 658194
                     A1 19950621 (199529)
                                             EN
                                                           C12N005-06
          R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
                    W 19960116 (199642)
A 19961231 (199707)
A 19970224 (199715)
B 19970619 (199733)
A 19981020 (199849)
                                                   82p
                                                           C12N005-06
     JP 08500245
     us 5589376
                                                   29p
                                                           C12N005-00
     NZ 256154
                                                           C12N005-06
     AU 678988
                                                           C12N005-06
     us 5824489
                                                           C12N005-00
     WO 9402593 A1 WO 1993-US7000 19930726; AU 9348375 A AU 1993-48375
ADT
     19930726, WO 1993-US7000 19930726; EP 658194 A1 EP 1993-921175 19930726, WO 1993-US7000 19930726; JP 08500245 W WO 1993-US7000 19930726, JP
     1994-504741 19930726; UŚ 5589376 A Cont of US 1992-920617 1992Ó727, US
     1994-290228 19940815; NZ 256154 A NZ 1993-256154 19930726, WO 1993-US7000
     19930726; AU 678988 B AU 1993-48375 19930726; US 5824489 Á CIP of US 1992-920617 19920727, Cont of US 1992-969088 19921029, US 1994-290229
     19940815
FDT
     AU 9348375 A Based on WO 9402593; EP 658194 A1 Based on WO 9402593; JP
     08500245 W Based on WO 9402593; NZ 256154 A Based on WO 9402593; AU 678988
     B Previous Publ. AU 9348375, Based on WO 9402593
                        19921029; ús 1992-920617
PRAI US 1992-969088
                                                      19920727; US 1994-290228
     19940815; US 1994-290229
                                   19940815
           C12N005-00; C12N005-06
IC
     ICM
           A01K067-027; A61K035-30; C12N005-08; C12N005-10; C12N015-09;
           C12P021-08; G01N033-566; G01N033-569; G01N033-577; G01N033-68
ICI
     C12P021-08, C12R001:91
L4
     ANSWER 54 OF 54 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ΑN
     1993:526138 BIOSIS
     PREV199396139545
DΝ
     Expression of neuromodulin (GAP-43) and its regulation by basic fibroblast
TI
     growth factor during differentiation of O-2A progenitor cells.
ΑU
     Deloulme, J. C.; Laeng, P.; Janet, T.; Sensenbrenner, M. [Reprint author];
     Lab. de Neurobiol. Ontogenique, CNRS UPR 417, Centre de Neurochimie, 54
CS
     Rue Blaise Pascal, 67084 Strasbourg Cedex, France
     Journal of Neuroscience Research, (1993) Vol. 36, No. 2, pp. 147-162.
S0
     CODEN: JNREDK. ISSN: 0360-4012.
DT
     Article
     English
LA
     Entered STN: 19 Nov 1993
ED
```

Last Updated on STN: 20 Nov 1993

STN INTERNATIONAL LOGOFF AT 12:05:29 ON 09 MAR 2004